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Seeds
Bulbs, Plants
and
Requisites

SPRING

19



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Muller-Sealey Co., Inc.

Horticultural Specialists

**145 West 45th Street
NEW YORK CITY**

'Phone, Bryant 9141



JOSEPH A. MULLER

JOHN MORRISON

FRANK G. SEALEY

145 West 45th Street,
New York City,
January 1, 1924.

The success of the amateur or professional gardener is in a large measure due to the class of seedsman with whom he deals and the quality of the seeds that dealer handles.

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MULLER-SEALEY CO., Inc.

Horticultural Specialists

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Novelties and Specialties in Flower Seeds

Campanula Telham Beauty

The finest variety of *Campanula persicifolia* yet raised; produces on long stems immense bell-shaped open flowers of a beautiful clear lavender-blue. Height $2\frac{1}{2}$ feet. Award of merit R. H. S. **Pkt. \$1.00.**

Dahlia Coltness Hybrids

A splendid new class of Single Dahlias. The plants are of neat, compact habit averaging about 18 inches in height. The well expanded flowers have either flat or slightly fluted petals and measure about 3 inches in diameter. The colors embrace light and dark scarlet, crimson, dark blood red, yellow, white, purple, mauve, and brick red. **Pkt. 50c.**

Echium Wildpretii

A striking perennial plant from the Canary Islands, producing a dense rosette of silvery foliage $1\frac{1}{2}$ feet high, from which rises a handsome spike 2 feet long covered with purplish-pink flowers. An excellent greenhouse pot plant. **Pkt. \$1.00.**

Erysimum linifolium

Growing about a foot in height, this new *Erysimum* produces a copious profusion of flowers of a bright clear mauve, resembling somewhat in size, shape and color those of *Aubrietia græca*. As a showy biennial, forming a mass of bloom about the beginning of June it should have a place in every garden. **Pkt. 35c.**

Myosotideum Nobile

The Giant Forget-Me-Not of the Chatham Islands

A lovely plant bearing large corymbs of beautiful blue flowers, edged white. Height $1\frac{1}{2}$ feet. **Pkt. \$1.00.**

Primula Malacoides Princess Mary

Considered the finest variety yet raised; flowers very large of a deep rose-pink with yellow eye; borne on wiry stems 2 feet above the pot. **Pkt. \$1.00.**

Scabiosa Columbaria

The color of this handsome variety is a deep rosy-mauve, a charming and unique shade among perennial Scabious. The freely produced flowers measure 2 to $2\frac{1}{2}$ inches across. Strongly recommended both for garden and for cutting purposes. **Pkt. 50c.**

Thunbergia Gibsoni

A lovely graceful climber for covering pillars and trellis work in greenhouses. The flowers, which are twice the size of the older varieties, are of a beautiful glowing orange color. The foliage is glistening green, ivy-shaped. **Pkt. 50c.**

Verbena Hybrida Compacta **"Royal Bouquet"**

This variety marks a new era in the development of the upright growing Verbena. It forms a plant 15 to 18 inches high and not more than 10 inches across, no lateral branches being thrown out. The corymbs are borne on long stems and group themselves together at the summit of the plant. **Choice Mixed. Pkt. 50c.**



NOVELTIES AND SPECIALTIES IN FLOWER SEEDS—
Continued

Single Asters, Sutton's Southcote Beauty

A fine race of branching habit; the flowers have long perfectly formed petals and carried on long, stiff stems from 12 to 20 inches in length.

White, Pink, Scarlet, Mauve, Purple. Each, pkt. 50c.

Anemone St. Brigid

A beautiful strain of Anemone, producing large double, semi-double and single flowers in a great variety of striking colors. Easily raised from seed. **Pkt. 25c.**

Begonia semperflorens, "Flame of Love"

The largest flowering and most brilliant scarlet Begonia of the semperflorens type. Its blooms measure $1\frac{1}{2}$ by 1 inch across and appear in dense clusters on short and solid stems. **Pkt. 50c.**

Tuberous Begonia, "Narcissus Flowered"

The two outer petals of this striking variety are like those of a large-blooming "Single," the inner petals grow together and form a large conical tube, the edge being more or less waved and fringed.

Choice Mixed Colors. Pkt. 50c.

Dimorphotheca "Eklonis"

Not exceeding 12 to 15 inches in height, this new variety forms a strong growing, compact bush with deep green spatulate leaves, and bears large, star-shaped, pure white flowers, with a diminutive deep blue disk. **Pkt. 50c.**

Isoloma hirsutum hybridum

These new hybrids are the result of crossings of Isoloma hirsutum multiflorum with Tydæa hybrida grandiflora. The large flowers with their wonderful range of colors come from the Tydæa. They make splendid pot plants, blooming continuously from June until Winter. **Pkt. 50c.**

Lupinus Polyphyllus "Elliotts' Sweet Scented"

A new strain producing tall, handsome spikes of self- or bi-colored flowers varying from white to the deepest purple and including in their range, pinks and fawn color. The chief distinctive feature is the delicious scent which they exhale, quite a new and pleasing feature. **Pkt. 50c.**

New Single Petunia, "Pink Glory"

An excellent variety with pure rose-pink flowers without a trace of purple, measuring from three to four inches in diameter. The plants attain a height of twelve to fifteen inches. **Pkt. 50c.**

Poppy, Baker's Sunbeam

Award of Merit, R. H. S. A new race of Perennial Poppies resembling the Iceland Poppy but in length of stem, size of flower and robust habit they are far in advance of this well-known type.

Choice Mixed Colors. Pkt. 35c.

Sidalcea, Rose Queen

The raiser of this new Sidalcea describes it as the finest hardy perennial ever produced. Each plant develops a sheaf of spikes 5 to 6 feet high well furnished with beautiful rose-colored flowers during June and July. **Pkt. 25c.**

Statice sinuata, "True Blue"

The flowers are of a rich navy blue shading off to pale lilac. For garden decoration and as a cut flower this new strain will soon be in great demand. **Pkt. 25c.**



VEGETABLE SEEDS

Specialties of Merit

M.-S. Co.'s Early Red Globe Beet

This new Beet supersedes all other Turnip-rooted varieties in quality, shape and color. It is exceptionally early, deep red in color, handsome in appearance and of the finest flavor. **Pkt. 15c., oz. 50c., ¼ lb. \$1.50.**

Perpetual or Spinach Beet

An excellent substitute for Spinach, producing green leaves in abundance close to the ground. Immediately one gathering has been made fresh leaves appear, and a constant supply of Spinach is kept up after the ordinary sorts are exhausted. **Oz. 35c., ¼ lb. \$1.25.**

M.-S. Co.'s Extra Early Forcing Cauliflower

The earliest Cauliflower in cultivation and the best strain for growing under glass. The heads are beautifully close and white. Its dwarf compact habit and small number of leaves make it an ideal variety for forcing. **Pkt. 50c., ¼ oz. \$3.00, oz. \$10.00.**

De Lues' Golden Giant Sweet Corn

A cross between Golden Bantam and Howling Mob. It matures about a week later than Golden Bantam, the ear is very much larger than the Bantam and the sugar content is almost as great. This variety should be especially popular with all those who have found Golden Bantam to their liking. **Lb. 50c., 2 lbs. 90c.**

Irondequoit Musk Melon

An excellent main crop variety. The fruit is large, gray-green in color, flattened at the ends, distinctly ribbed and well netted. Flesh very thick, deep salmon color, and of the highest quality. **Pkt. 10c., oz. 35c., ¼ lb. \$1.00.**

Prizetaker Leek

The finest exhibition Leek in cultivation. The long, pure white stems have a most attractive appearance. **Pkt. 15c., oz. 75c., ¼ lb. \$2.50.**

Best of all Onion

This excellent variety possesses in a high degree all the qualities sought for in an Onion. It is of almost perfectly globular form with a very slender neck and bright straw-colored skin. Grows to a great size and as a keeper is second to none. **Pkt. 25c., oz. \$1.50.**

Early Bird Pea

A wonderful extra early, semi-wrinkled dwarf Pea, unsurpassed for extreme earliness, superb quality and unusual productiveness. The dwarf, vigorous vines measure 2 to 2½ feet and carry enormous crops of beautiful deep green pods filled with nine to ten large Peas of the most luscious flavor. **Lb. 45c., 2 lbs. 85c., 8 lbs. \$3.20.**

New Forcing Tomato "Nonsuch"

An excellent variety producing from bottom to the top of the plant fine large trusses of evenly formed, globe-shaped fruits of medium size and rich, scarlet color. **Pkt. 35c.**

GENERAL LIST OF VEGETABLE SEEDS

Artichoke

One ounce will sow 100 feet of row.

LARGE FRENCH GLOBE. The Standard	Pkt.	Oz.
Variety.....	\$0.25	\$1.25
ARTICHOKE PLANTS. See page 17.		
JERUSALEM TUBERS, peck, \$2.00		

Asparagus

One ounce will produce about 200 plants.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
PALMETTO. The most popular variety, early and prolific.....	\$0.05	\$0.15	\$0.40
CONOVER'S COLOSSAL. Prolific and tender.....	05	.15	.40
GIANT ARGENTEUIL. Very large, thick green stalks.....	.10	.15	.40

Asparagus Roots See page 17.

Beans—Dwarf or Bush

Green-Podded Varieties

One pound will plant 50 feet of drill.

BLACK VALENTINE. A very early round-podded variety of excellent quality.....	Lb. 2 Lbs. 8 Lbs.		
	\$0.35	\$0.65	\$2.40
BOUNTIFUL. One of the best of the flat-podded varieties, tender and stringless.....	.35	.65	2.40
EXTRA EARLY RED VALENTINE. One of the earliest, round, thick, solid pods, tender and prolific.....	.30	.55	2.00
EARLY MOHAWK. Early, vigorous and productive.....	.30	.55	2.00
FULL MEASURE. An excellent round-podded variety, producing enormous crops.....	.35	.65	2.40
GIANT STRINGLESS GREEN POD. The large round pods are entirely stringless and extremely tender.....	.35	.65	2.40
LONGFELLOW. Extra early, round pods, tender and stringless.....	.35	.65	2.40
REFUGEE 1,000 to 1. Medium to late, round pods, a popular sort for canning.....	.30	.55	2.00
MASTERPIECE. Ever since its introduction this fine variety has been extremely popular. The plant is robust in constitution, unusually prolific, and the long pods are straight, handsome and tender. As a quick grower under glass it has no equal..	.60	1.15	4.40

Beans—Dwarf or Bush

Wax-Podded Varieties

IMPROVED GOLDEN WAX. The most popular and reliable Wax Bean. The pods are flat, straight and tender	Lb. 2 Lbs. 8 Lbs.		
	\$0.35	\$0.65	\$2.40
PENCIL-POD BLACK WAX. Long, round stringless pods, free from fiber, and of the highest quality.....	.35	.65	2.40
WARDWELL'S KIDNEY WAX. An excellent main crop variety. The long, flat pods are fleshy, brittle and finely grained.....	.35	.65	2.40



BEANS, DWARF OR BUSH—Continued

Dwarf Shell Beans

Lb. 2 Lbs. 8 Lbs.

DWARF HORTICULTURAL. An excellent shell bean, also used as a green podded snap bean.....	\$0.35	\$0.65	\$2.40
WHITE MARROW. The most popular of all shell beans.....	.35	.65	2.40
WHITE KIDNEY. The beans are larger and longer than the Marrow....	.35	.65	2.40
WHITE NAVY (Pea Bean). A productive small white variety.....	.30	.55	2.00

Lima Beans—Dwarf or Bush

One pound will plant a row of 50 feet

Lb. 2 Lbs. 8 Lbs.

BURPEE'S IMPROVED BUSH LIMA. Considered the finest and largest Bush Lima ever introduced. A great improvement on the old Burpee Bush, which it has supplanted....	\$0.45	\$0.85	\$3.20
FORDHOOK BUSH LIMA. Entirely distinct in habit of growth. The stiffly erect bushes branch freely and bear enormous crops. The beans are large, tender, juicy and sweet.....	.45	.85	3.20
HENDERSON'S BUSH LIMA. The beans are small, very productive.....	.40	.75	2.80

Lima Beans, Pole

Lb. 2 Lbs. 8 Lbs.

LEVIATHAN EXTRA EARLY. The earliest of the Pole Limas and is a heavy cropper.....	\$0.40	\$0.75	\$2.80
BURPEE'S GIANT PODDED. The pods are immense in size, and usually contain five large beans of the most delicious flavor.....	.45	.85	3.20
LARGE WHITE. The old standard variety.....	.40	.75	2.80

Pole Beans

Lb. 2 Lbs. 8 Lbs.

KENTUCKY WONDER, OR OLD HOMESTEAD. The most popular of all Pole String Beans. The pods are green, very long and stringless...	\$0.40	\$0.75	\$2.80
SCARLET RUNNER. Used both as a string and shell bean. Bright scarlet flowers, very ornamental.....	.40	.75	2.80

Beet

One ounce will sow 50 feet of drill.

Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

EARLY MODEL. One of the finest varieties having extremely small tops. Closely resembles Crimson Globe.....	\$0.10	\$0.20	\$0.60	\$2.00
CRIMSON GLOBE. Medium size, and perfect globe shape, smooth skin, small tops, and a rich dark blood red color.....	.10	.20	.60	2.00
CROSBY'S EGYPTIAN. Flattened globe shape. Skin and flesh dark red, small tops....	.10	.20	.60	2.00
DETROIT DARK RED. The root is a deep vermilion red, crisp and sweet. The best to store for the winter.....	.10	.20	.55	1.75
EXTRA EARLY EGYPTIAN. Matures quickly. The root is decidedly flattened, turnip-shaped, flesh dark blood red...	.10	.20	.55	1.75
PERPETUAL OR SPINACH BEET.				

See Specialties, page 3.

Swiss Chard

	Pkt.	Oz.	¼ Lb.	Lb.
GIANT LUCULLUS. A delicious variety having green leaves which are remarkably crimped and curled. In flavor it is much superior to the common variety.....				
	\$0.10	\$0.20	\$0.55	\$1.75

Sugar Beet

	Pkt.	Oz.	¼ Lb.	Lb.
IMPERIAL WHITE SUGAR. Valued for its productiveness and large percentage of sugar				
	\$0.05	\$0.10	\$0.30	\$1.00

Mangel Wurzel

<i>Sow 6-8 pounds to the acre.</i>			¼ Lb.	Lb.
MAMMOTH LONG RED. The largest and heaviest cropper of all the red sorts.....		\$0.25		\$0.80
CHAMPION YELLOW GLOBE. Bright orange color, globe shape, adapted for shallow soils.....			.25	.80
GOLDEN TANKARD. Large, smooth yellow fleshed variety.....			.25	.80

Borecole, or Kale

<i>One ounce will produce 3,000 plants.</i>				
	Pkt.	Oz.	¼ Lb.	
DWARF GREEN CURLED SCOTCH. A hardy, low growing variety, finely curled, of a deep green color, and delicate flavor.....		\$0.10	\$0.25	\$0.75
TALL. Grows about two feet, with an abundance of dark green leaves.....		.10	.25	.75

Brussels Sprouts

<i>One ounce will produce 3,000 plants.</i>				
	Pkt.	Oz.	¼ Lb.	
LONG ISLAND IMPROVED. A fine strain, large solid sprouts of excellent quality.....		\$0.10	\$0.35	\$1.25
PROLIFIC EXHIBITION. A superior strain, very fine even-shaped sprouts of good size and flavor. Excellent for exhibition.....		.15	.50	1.75

Cabbage

<i>One ounce will produce 3,000 plants.</i>				
	Pkt.	Oz.	¼ Lb.	
COPENHAGEN MARKET. The earliest round head variety ever offered. The heads are round and solid, averaging 8-10 lbs. in weight. The plants are short-stemmed, placing the heads just above the level of the ground.....		\$0.15	\$0.60	\$2.00
EARLY JERSEY WAKEFIELD. This variety is very popular and is considered the best early pointed headed sort.....		.10	.45	1.50
DANISH BALL HEAD. A medium sized solid heading sort, valuable for winter use.....		.10	.40	1.25
LARGE LATE FLAT DUTCH. Produces a large, slightly flattened head of great solidity and fine texture.....		.10	.40	1.25
SUCCESSION. A fine second early sort producing large, solid, flat heads.....		.10	.45	1.50
MAMMOTH ROCK RED. Round, solid heads of deep red color.....		.10	.45	1.50
SAVOY PERFECTION DRUM-HEAD. The hardest heading, and best all round Savoy Cabbage.....		.10	.50	1.75



Chinese, or Celery Cabbage

(Pe-Tsai)

Pkt. Oz. $\frac{1}{4}$ Lb.

This delicious Chinese vegetable belongs to the Cabbage family and closely resembles a Cos Lettuce but is heavier. It may be eaten raw as a salad or boiled like cabbage.

\$0.10 \$0.50 \$1.75

Carrot

One ounce will sow 100 feet of drill

Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

CHANTENAY HALF-LONG.

A splendid half-long stump rooted variety and one of the best for table use. The flesh is fine grained and free from core. Skin smooth and of a deep orange color.

\$0.10 \$0.20 \$0.65 \$2.00

DANVERS IMPROVED HALF-LONG.

A favorite sort, slightly longer than Chantenay, tapering to a blunt point.

.10 .20 .50 1.75

EARLY FRENCH FORCING.

Early, tender and sweet.

.10 .25 .75 2.50

EARLY SCARLET HORN.

A popular early sort.

.10 .20 .65 2.00

GUERANDE, OR OXHEART.

Stump rooted, specially adapted to shallow soil.

.10 .20 .50 1.75

LONG ORANGE IMPROVED.

A long variety of fine quality used both for field and garden culture.

.10 .20 .50 1.75

LONG RED SURREY.

A fine type of Long Red Carrot. Excellent for exhibition.

.10 .30 1.00

KELWAY'S INTERMEDIATE.

The brightest scarlet skin, and smoothest grain of all the half-long Carrots.

.10 .30 1.00

ST. VALERY.

Intermediate in form between Danvers and Long Orange. Smooth and pointed. Color bright red.

.10 .20 .65 2.00

WHITE BELGIAN.

Flesh white and coarse, desirable for stock feeding.

.05 .15 .50 1.75

Cauliflower

One ounce of seed produces about 3,000 plants.

Pkt. $\frac{1}{4}$ Oz. Oz.

M.-S. CO'S EXTRA EARLY FORCING.

The earliest Cauliflower in cultivation and the best strain for growing under glass. The heads are beautifully close and white, habit dwarf and compact.

\$0.50 \$3.00 \$10.00

EARLIEST DWARF ERFURT.

Heads solid, compact, and snow white.

.50 2.50 8.00

EARLY SNOWBALL.

Selected strain, solid snow white heads.

.25 1.50 5.00

DRY WEATHER, OR DANISH GIANT.

Specially recommended for growing in dry locations. The heads are large, pure white and of fine quality.

.25 1.50 5.00

VEITCH'S AUTUMN GIANT.

The best late sort, large and vigorous.

.15 .35 1.25



Celery

One ounce of seed will produce 5,000 plants

	Pkt.	Oz.	¼ Lb.
IMPROVED GOLDEN SELF-BLANCHING (FRENCH GROWN). Rich golden yellow, crisp, tender and of fine flavor.....	\$0.20	\$1.25	\$4.50
EASY BLANCHING. A valuable sort. Color light golden and blanches very easily.....	.15	1.00	3.00
IMPROVED WHITE PLUME. Popular early variety that requires very little bleaching.....	.10	.50	1.75
GIANT PASCAL. Stalks solid and crisp, golden yellow heart, one of the best for winter use.....	.10	.50	1.75
WINTER KING. The most valuable winter celery.....	.10	.50	1.75
PINK PLUME. Large, and of fine quality.....	.10	.65	2.00

Celeriac, or Turnip-Rooted Celery

	Pkt.	Oz.	¼ Lb.
GIANT SMOOTH PRAGUE. Large and smooth, the best sort.....	\$0.10	\$0.40	\$1.25

Chervil

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	¼ Lb.
EXTRA CURLED, Beautifully curled, leaves resembling parsley, used for garnishing and flavoring soups and salads.....	\$0.10	\$0.40	\$1.25

Chicory

	Pkt.	Oz.	¼ Lb.
WITLOOF, OR FRENCH ENDIVE. The stalks when bleached are used for salad.....	\$0.10	\$0.40	\$1.25
LARGE ROOTED. The dried roots are roasted and used as a substitute for coffee.....	.10	.35	1.00

Corn Salad

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	¼ Lb.
LARGE SEEDED. Vigorous variety, large round grayish green leaves....	\$0.10	\$0.25	\$0.75

Cress, or Peppergrass

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	¼ Lb.
EXTRA CURLED. The leaves make a delicious salad.....	\$0.05	\$0.15	\$0.45
TRUE WATER CRESS. For growing along banks of streams or moist situations.....	.15	1.00	



Corn—Sweet, or Sugar

One pound will plant 100 hills.

Lb. 2 Lbs. 8 Lbs.

ARISTOCRAT. A most desirable extra early dwarf sort. Ears eight inches long, 8-rowed.....	\$0.45	\$0.85	\$3.20
BANTAM EVERGREEN. A cross between Golden Bantam and Stowell's Evergreen, and a most excellent sort. Ears 8 inches long and 12-rowed. The grains are deep and of a rich golden yellow. Medium early..	.40	.75	2.80
BLACK MEXICAN. One of the sweetest, bluish black when ripe, medium early.....	.35	.65	2.40
COUNTRY GENTLEMAN. Well-known late variety of excellent quality.....	.35	.65	2.40
DE LUE'S GOLDEN GIANT. See specialties, page 3.....	.50	.90	
EARLY MAYFLOWER. A fine extra early variety, with large well-filled ears, very sweet and tender.....	.35	.65	2.40
GOLDEN BANTAM. Early golden yellow, ears 6-7 inches long, eight-rowed. Delightful rich, sweet flavor..	.35	.65	2.40
GOLDEN CREAM. An early variety with rich cream-colored grains, fine quality, very tender and sweet.....	.35	.65	2.40
HOWLING MOB. One of the finest second early sorts, large ears, very productive.....	.35	.65	2.40
KENDEL'S EARLY GIANT. A large eared second early variety of excellent quality.....	.35	.65	2.40
MAMMOTH WHITE CORY. One of the earliest and best. Ears 7-8 inches long, sweet and tender.....	.30	.55	2.00
SQUANTUM, OR POTTER'S EXCELSIOR. Fine large ears and deep grain, one of the sweetest medium early.....	.35	.65	2.40
STOWELL'S EVERGREEN. The best known sweet corn. Large ears of excellent quality.....	.30	.55	2.00

Cucumber

One ounce will plant 50 hills.

Pkt. Oz. $\frac{1}{4}$ Lb.

DAVIS' PERFECT. An extra long, dark green type of White Spine, retains its color and good qualities long after being picked.....	\$0.10	\$0.30	\$0.90
EARLY FORTUNE. The finest type of White Spine yet introduced. Early, very productive and disease resistant. Flesh white, very firm and crisp.....	.10	.30	.90
IMPROVED EARLY WHITE SPINE. One of the very earliest of the White Spines.....	.10	.25	.80
IMPROVED LONG GREEN. A standard late well-known table sort..	.10	.30	.90
CHICAGO PICKLING. Considered the best pickling sort.....	.10	.25	.75

English Forcing Cucumbers

IMPROVED TELEGRAPH. The most popular variety. Prolific and handsome.....	\$0.30
LOCKIE'S PERFECTION. Fine shape and color.....	.30

Egg Plant

One ounce will produce about 2,000 plants.

NEW YORK IMPROVED PURPLE (Spineless). Plants produce four to six large oval fruits of dark purple color.....	Pkt. ½ Oz. Oz.		
	\$0.10	\$0.40	\$0.75
BLACK BEAUTY. Earlier, but not as large as New York Purple.....	.10	.40	.75
LONG PURPLE. Fruits 6-8 inches long, Early and productive.....	.10	.40	.75

Endive

One ounce will sow about 100 feet of drill.

BROAD-LEAVED BATAVIAN. (Es-carolle). One of the best varieties for salads. Leaves broad, bright deep green.....	Pkt. Oz. ¼ Lb.		
	\$0.10	\$0.30	\$0.80
GREEN CURLED. The most hardy and vigorous sort.....	.10	.30	.80
MOSS CURLED. More compact than Green Curled.....	.10	.30	.80

Kohl-Rabi

SHORT LEAVED WHITE VIENNA. Extremely early with small tops.....	Pkt. Oz. ¼ Lb.		
	\$0.10	\$0.35	\$1.25
EARLY PURPLE VIENNA. Early, medium size and purple in color, flesh white.....	.10	.40	1.35

Leek

One ounce will sow 200 feet.

LARGE AMERICAN FLAG. The favorite variety, large and vigorous..	Pkt. Oz. ¼ Lb.		
	\$0.10	\$0.30	\$1.00
MUSSELBURGH. Very hardy, large and extra fine quality.....	.10	.35	1.25
PRIZETAKER. The finest exhibition Leek in cultivation. The long thick, pure white stems, have a most attractive appearance.....	.15	.75	2.50

Lettuce

One ounce will sow 100 feet of drill.

ALL SEASONS. Large, medium, late heading sort.....	Pkt. Oz. ¼ Lb.		
	\$0.10	\$0.25	\$0.75
BIG BOSTON IMPROVED. Popular for outside culture as well as for forcing. Head large and compact, color light green, slightly tinged reddish brown.....	.10	.30	.90
BOSTON MARKET. Medium in size. early loose heading sort.....	.10	.25	.75
DEACON. Heads globular, somewhat flattened, excellent quality.....	.10	.25	.75
GOLDEN QUEEN. A small variety of compact habit, forming yellowish-green heads.....	.10	.25	.75
GRAND RAPIDS. The favorite loose leaved forcing lettuce, handsome and attractive.....	.10	.25	.75
HANSON IMPROVED. One of the most reliable sure heading sorts. Stands the heat well.....	.10	.25	.75
NEW YORK, OR. WONDERFUL. Large, late globular heading variety..	.10	.35	1.25
ICEBERG. Large, late, crisp, heading variety.....	.10	.30	1.00
MAMMOTH BLACK-SEEDED BUTTER. Heads large and firm, fine quality.....	.10	.25	.75
MIGNONETTE. Small, early and compact.....	.10	.25	.75



LETTUCE—Continued

SIMPSON EARLY CURLED. Does not head but forms a close, compact mass of leaves.....	Pkt.	Oz.	$\frac{1}{4}$ Lb.
	\$0.10	\$0.25	\$0.75
MAY KING. Extremely early, compact heading variety.....	.10	.25	.75
WAYAHEAD. Very early, sure heading variety.....	.10	.25	.75

Cos Varieties (Romaine)

PARIS WHITE COS. Long, smooth, narrow, upright leaves.....	Pkt.	Oz.	$\frac{1}{4}$ Lb.
	\$0.10	\$0.25	\$0.75
TRIANON COS. Early self-closing...	.10	.25	.75

Melon—Musk

One ounce will plant 60 hills.

BURRELL'S GEM. An excellent small melon, fruit oblong and heavily netted, flesh deep salmon, of fine quality.....	Pkt.	Oz.	$\frac{1}{4}$ Lb.
	\$0.10	\$0.25	\$0.80
EMERALD GEM. Fine early variety. Fruits emerald green in color, globular, or slightly flattened, flesh very thick, of a rich salmon color.....	.10	.25	.80
HACKENSACK EXTRA EARLY IMPROVED. Matures very early, a large round melon of fine quality, flesh green.....	.10	.25	.80
HONEY DEW. Fruit large, round to oval in shape, skin smooth, hard and creamy white. Flesh light green.....	.10	.35	1.00
MONTREAL MARKET. Excellent, very large, flesh green, remarkably thick, and of superior quality.....	.10	.25	.80
ROCKY FORD. A very popular and well known sort, fruits are oval. Flesh rich, green and very sweet.....	.10	.25	.80

English Forcing Varieties

BLLENHEIM ORANGE. Handsome scarlet fleshed variety, beautifully netted.....	Pkt.		
			\$0.50
EMINENCE. The flesh is white and of great depth, early and distinct.....			.50
KING GEORGE. Scarlet flesh, beautifully netted and of excellent flavor.....			.50
ROYAL SOVEREIGN. A beautiful golden color, slightly netted, flesh greenish-white and very deep.			.50
SUTTON'S A1. Fruits large and densely netted, flesh thick, of a rich scarlet color, and delicious flavor.....			.50
SUTTON'S PERFECTION. Fruit of medium size, and handsomely netted, flesh green.....			.50

Melon—Water

One ounce will plant 30 hills.

COLE'S EARLY. One of the best of the early sorts, nearly round, flesh deep pink, seeds black.....	Pkt.	Oz.	$\frac{1}{4}$ Lb.
	\$0.05	\$0.15	\$0.50
HUNGARIAN HONEY. A superb, early variety, uniformly globe-shaped, flesh brilliant red, seeds brown and very small.....	.10	.20	.60
KLECKLEY'S SWEETS. Oblong in form, dark green, flesh bright rich red, seeds white.....	.05	.15	.50
MOUNTAIN SWEET. An old popular sort, oblong in form, flesh red, of good quality.....	.05	.15	.50
TOM WATSON. One of the best main crop varieties, and grows to a large size. Fruit long, flesh rich red and of excellent quality. Seeds white.....	.10	.20	.50
CITRON. Red-Seeded. The old red-seeded preserving melon.....	.10	.20	.60



Mushroom Spawn

Ten bricks will spawn about 10 feet square.

AMERICAN PURE CULTURE. Produces large crops of excellent quality. Per brick, 40c.; 10 bricks, \$3.50; 100 bricks, \$30.00.

Mustard

	Pkt.	Oz.	¼ lb.
WHITE LONDON. The best variety for salad.....	\$0.05	\$0.15	\$0.35

Okra, or Gumbo

One ounce will plant 100 hills.

	Pkt.	Oz.	¼ lb.
PERKINS' LONG POD. One of the best and most productive.....	\$0.05	\$0.15	\$0.35
WHITE VELVET. Pods long, of a velvety white color.....	.05	.15	.35

Onion

One ounce will sow 100 feet of drill.

	Pkt.	Oz.	¼ lb.
AILSA CRAIG SELECTED. Handsome, oval shape, pale straw-colored skin. Flesh white and mild. The most popular Onion for exhibition...	\$0.25	\$0.75	\$2.75
GIGANTIC GIBRALTAR. A mammoth Onion resembling Prizetaker, but grows to a much larger size....	.15	.60	2.00
LARGE RED WETHERSFIELD. Fine, large, flat sort, one of the best known types.....	.10	.40	1.25
PRIZETAKER. Large, globe-shape of a light straw color, flesh mild.....	.10	.40	1.25
SOUTHPORT RED GLOBE. The best of the red Onions.....	.10	.40	1.25
SOUTHPORT WHITE GLOBE. True globe form, flesh fine grained and exceedingly mild.....	.10	.60	2.00
SOUTHPORT YELLOW GLOBE. Deep yellow, flesh white, crisp and mild.....	.10	.40	1.25
VICTORIA CROSS. The bulbs are globe-shaped, skin clear yellow, and attain a great size, fine exhibition sort.....	.25	1.00	
WHITE PICKLING. A rapid-growing, small variety, fine for pickling and bunching.....	.10	.60	2.00
WHITE PORTUGAL. A large, flat white Onion of mild and pleasant flavor.....	.10	.50	1.75
YELLOW GLOBE DANVERS. The standard variety for main crop.....	.10	.40	1.25

Onion Sets

	Qt.	Pk.
RED ONION SETS	\$0.40	\$2.50
WHITE ONION SETS.....	.45	3.00
YELLOW ONION SETS.....	.40	2.50
SHALLOTS.....per lb.	\$0.75	

Parsley

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	¼ lb.
DOBBIE'S EXHIBITION. A dwarf and compact variety exquisitely curled, highly ornamental, and unsurpassed for exhibition.....	\$0.15	\$0.35	\$1.00
TRIPLE CURLED. Leaves dark green and beautifully curled, the most useful sort.....	.10	.20	.50
HAMBURG, or ROOTED. Grown for its roots, which are used for flavoring soups.....	.10	.20	.60



Parsnip

One ounce will sow 200 feet of drill.

AMERICAN HOLLOW CROWN. Pkt. Oz. $\frac{1}{4}$ lb.			
Better known and more generally grown than any other sort. The long, smooth roots are tender and sugary..	\$0.10	\$0.15	\$0.50
KELWAY'S DON. The handsome form, size, whiteness of skin and flesh makes this variety specially valuable for exhibition.....	.10	.30	1.00

Peas

Extra Early Varieties

One pound will plant 50 feet of drill.

FIRST OF ALL. Standard extra early prolific smooth pea, height $2\frac{1}{2}$ ft...	Lb. 2 lbs. 8 lbs.		
	\$0.35	\$0.65	\$2.40
ALASKA. Extra early round blue seeded variety. Suitable for canning. Height 2 ft.....	.35	.65	2.40
GRADUS, or PROSPERITY. Early large-podded variety of exquisite flavor. Height, 3 ft.....	.45	.85	3.20
BLUE BANTAM. Unequaled for extreme earliness, superb quality and unusual productiveness. Height, 15 in.....	.45	.85	3.20
LAXTONIAN. A large podded dwarf variety on the order of Gradus. Height, $1\frac{1}{2}$ ft.....	.50	.95	3.60
LITTLE MARVEL. An extra fine dwarf pea, remarkably prolific.....	.40	.75	2.80
MARCHIONESS. On the order of Gradus, but earlier. Pods $3\frac{1}{2}$ in. long, containing 7 medium dark green peas.	.45	.85	3.20
NOTT'S EXCELSIOR. Early and prolific. Height, 1 ft.....	.40	.75	2.80
SUTTON'S EXCELSIOR. An improvement on Nott's Excelsior, with larger pods and greater productiveness. Height, 16 in.....	.45	.85	3.20
THE PILOT. The best round-seeded blue variety, producing pods of the Gradus type, hardy and prolific. Height, $2\frac{1}{2}$ ft.....	.45	.85	3.20

Second Early and Main Crop Varieties

ALDERMAN. Of the Telephone type but with darker pods and peas. Height, 5 ft.....	Lb. 2 lbs. 8 lbs.		
	\$0.45	\$0.85	\$3.20
CHAMPION OF ENGLAND. One of the best flavored late peas. Height, 5 ft.....	.40	.75	2.80
DWARF TELEPHONE, or DAISY. Large dark green pods, containing 8-9 green peas of the best quality. Height, $2\frac{1}{2}$ ft.....	.40	.75	2.80
DWARF CHAMPION. Large pods, vigorous grower. Height, 3 ft.....	.40	.75	2.80
PRIZE WINNER. A fine main crop Pea on the order of Stratagem, Height $2\frac{1}{2}$ ft. Foliage very heavy and sturdy, dark green. Pods dark green, $4\frac{1}{2}$ in. long, very broad, straight and pointed, containing nine large, medium dark green peas of excellent quality.....	.45	.85	3.20
QUITE CONTENT. Enormous pods containing 9-10 large green peas of the best quality. Height, 5 ft.....	.60	1 15	4.40
TELEPHONE. An old standard high quality large podded pea. Height, 5 ft.....	.40	.75	2.80

Pepper

One ounce will produce about 2,000 plants.

	Pkt.	$\frac{1}{4}$ oz.	Oz.
CHINESE GIANT. The largest of the mild red varieties.....	\$0.15	\$0.30	\$1.00
LARGE BELL, or BULL NOSE. A standard early variety.....	.10	.25	.75
LONG RED CAYENNE. Bright red slender pods, hot and pungent.....	.10	.25	.75
NEAPOLITAN. Early, sweet and mild. Fruit 4 in. long, 2 in. thick and bright red in color.....	.15	.30	1.00
SWEET MOUNTAIN. Large and handsome, mild flavor.....	.10	.25	.75
UPRIGHT SWEET SALAD. Bright scarlet, flesh mild and very sweet....	.15	.30	1.00

Potatoes

Maine Grown

Ten bushels cut tubers will plant one acre.

BEAUTY OF HEBRON. Flesh colored skin, pure white flesh, very productive.	Market	Price
BOVEE. Early and prolific, red skin, white flesh, of fine quality.....	Market	Price
DIBBLE'S RUSSET. Considered one of the best main crop varieties.....	Market	Price
CARMAN NO. 1. A popular late sort.	Market	Price
EARLY ROSE. Early, productive and of excellent quality.....	Market	Price
GOLD COIN. A splendid main crop variety, very productive.....	Market	Price
GREEN MOUNTAIN IMPROVED. A well-known late sort. Skin smooth and white.....	Market	Price
IRISH COBBLER. One of the best early varieties.....	Market	Price

Pumpkin

One ounce will plant 50 hills.

	Oz.	$\frac{1}{4}$ lb.	Lb.
CONNECTICUT FIELD. Grown in corn fields for stock.....	\$0.15	\$0.40	\$1.25
LARGE CHEESE. Large, round, flattened fruits, the best for family use.	.20	.60	1.75
MAMMOTH TOURS. Very large. Salmon-orange skin.....	.25	.75	2.50
SMALL SUGAR. Fruits small, round, skin and flesh orange-yellow.....	.20	.60	1.75
WINTER LUXURY. Round, medium in size with golden yellow skin....	.25	.75	2.50

Radish

One ounce will sow 100 feet of drill.

	Oz.	$\frac{1}{4}$ lb.	Lb.
EARLY SCARLET TURNIP. Well known sort, quick grower.....	\$0.20	\$0.50	\$1.50
EARLY SCARLET GLOBE. An early forcing variety, doing equally well outside.....	.20	.60	1.75
EARLY SCARLET TURNIP, WHITE TIPPED. Round, deep scarlet shading to a white tip at the bottom....	.20	.50	1.50
FRENCH BREAKFAST. Oblong form, small, and quick grower, scarlet with white tip.....	.20	.50	1.50
ICICLE. The leading, long white Radish, and one of the earliest.....	.20	.50	1.50
LARGE WHITE SUMMER TURNIP. Round, pure white, an excellent Summer variety.....	.20	.50	1.50
LONG SCARLET SHORT TOP. Roots smooth and tender of a bright carmine red color.....	.20	.50	1.50
NON PLUS ULTRA, OR FIREBALL. Bright scarlet, one of the best forcing varieties.....	.20	.60	1.75



RADISH—Continued

Fall, or Winter Varieties

	Oz.	$\frac{1}{4}$ lb.	Lb.
LONG BLACK SPANISH. Late and hardy and nearly black in color.....	\$0.20	\$0.60	\$1.75
ROUND BLACK SPANISH. Roots round, skin black.....	.20	.60	2.00
ROSE CHINA. One of the best Winter sorts, roots are blunt at both ends. Skin deep rose color.....	.20	.50	1.50

Salsify, or Oyster Plant

One ounce will sow 75 feet of drill.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
MAMMOTH SANDWICH ISLAND. The best variety grown.....	\$0.10	\$0.50	\$1.50
SCORZONERA (Black Oyster Plant)	.15	.75	2.50

Sorrel

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
LARGE-LEAVED FRENCH. Used in salads.....	\$0.10	\$0.35	\$1.25

Spinach

One ounce will sow 100 feet of drill.

	Oz.	$\frac{1}{4}$ lb.	Lb.
BLOOMSDALE SAVOY-LEAVED. Very early and hardy, curled and wrinkled leaves.....	\$0.10	\$0.25	\$0.75
LARGE VIROFLAY. Leaves broad, thick and arrow-shaped.....	.10	.25	.75
LONG SEASON. Plant makes a dense, flat rosette, leaves broad, thick, arrow-shaped and pointed...	.10	.30	.85
LONG STANDING. A popular standard Summer Spinach.....	.10	.25	.75
VICTORIA. Leaves long, thick and wrinkled, dark green in color.....	.10	.25	.75
PRICKLY, or WINTER. Vigorous and hardy.....	.10	.30	.85
NEW ZEALAND. Entirely distinct plant, tall and spreading with numerous side shoots, can be picked continuously throughout the Summer	.15	.40	1.25

Squash

One ounce Early Squash will plant 25 hills.

One ounce Marrow Squash will plant 50 hills.

Summer Bush Varieties

	Oz.	$\frac{1}{4}$ lb.
COCOZELLA (ITALIAN VEGETABLE MARROW). Fruits oblong, color dark green.....	\$0.25	\$0.75
GIANT SUMMER CROOKNECK. The largest and one of the earliest of the Summer varieties, very warty and deep orange in color.....	.25	.75
WHITE BUSH SCALLOPED. Very early, fruits creamy white, flattened and scalloped.	.25	.75

SQUASH—Continued

Winter Trailing Varieties

	Oz.	$\frac{1}{4}$ lb.
BOSTON MARROW. Shell bright orange, flesh yellow and firm.....	\$0.20	\$0.60
DELICATA. Small oblong shell, creamy white.....	.30	.85
FORDHOOK. Small oblong variety, skin smooth, yellow, flesh straw colored....	.30	.90
GOLDEN HUBBARD. Similar to the old Hubbard in form and habit. Shell orange red, flesh deep orange.....	.30	.90
IMPROVED HUBBARD. Well known, the popular late Squash.....	.30	.80
VEGETABLE MARROW. Oblong, shell pale yellow, flesh white.....	.30	.90

Tomato

One ounce will produce 1,500 plants.

Forcing Varieties

	Pkt.	$\frac{1}{4}$ oz.
CARTER'S SUNRISE. Rich scarlet, medium sized, a fine forcer.....	\$0.25	
LISTER'S PROLIFIC. One of the best forcing Tomatoes, also valuable for outdoor use. An enormous cropper, producing large clusters of bright scarlet fruit of the finest quality.....	.25	\$1.25
STIRLING CASTLE. A well known and popular forcing variety.....	.15	.75
SUTTON'S WINTER BEAUTY. Medium sized scarlet fruit, attractive and productive.....	.25	

Outdoor Tomatoes

	Pkt.	Oz.	$\frac{1}{4}$ lb.
ACME. A popular early sort.....	\$0.10	\$0.50	\$1.50
BONNY BEST. A fine early variety, smooth, solid and uniform, color bright red.....	.15	.60	2.00
EARLIANA. Considered the earliest and one of the best early sorts.....	.10	.50	1.75
JOHN BAER. One of the earliest, dwarf plants, fruits medium size. A valuable sort.....	.15	.60	2.00
PONDEROSA. One of the largest and best known varieties.....	.15	.75	2.75
STONE. The standard sort, vigorous and productive.....	.10	.50	1.50
GOLDEN QUEEN. Large yellow....	.15	.75	

Small-Fruited Tomatoes

	Pkt.	Oz.
RED PLUM. Plum-shaped.....	\$0.10	\$0.60
YELLOW PLUM. Plum-shaped.....	.10	.60
RED PEAR. Pear-shaped.....	.10	.60
YELLOW PEAR. Pear-shaped.....	.10	.60
RED PEACH. Resembles a Peach, in size and shape.....	.10	.60
RED CHERRY.....	.10	.60
RED CURRANT.....	.10	.60

Turnip

One ounce will sow 150 feet of drill.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
EARLY SNOWBALL. Early, medium size, round, pure white skin and flesh.....	\$0.10	\$0.20	\$0.50	\$1.50
EXTRA EARLY WHITE MILAN. The earliest variety in cultivation.....	.10	.30	.85	
QUICKSILVER. The quickest growing round white Turnip. Perfectly globe-shape, white skinned, with solid white flesh..	.10	.30	.85	



TURNIP—Continued

	Pkt.	Oz.	¼ lb.	Lb.
PURPLE TOP WHITE GLOBE. A standard variety, good keeper.....	\$0.10	\$0.20	\$0.50	\$1.50
RED TOP STRAP-LEAVED. One of the best table varieties.	.10	.20	.50	1.50
IMPROVED GOLDEN BALL. Golden yellow, globe-shaped.	.10	.20	.50	1.50
YELLOW STONE. Roots medium size and uniform, perfect globe-shape.....	.10	.20	.50	1.50

Turnip

Ruta Baga, or Swedish

	Pkt.	Oz.	¼ lb.	Lb.
LONG ISLAND IMPROVED PURPLE TOP. Roots globular and grows to a large size, with small, short neck, skin and flesh bright yellow.....	\$0.10	\$0.20	\$0.50	\$1.50
WHITE FRENCH. An excellent white variety.....	.10	.20	.50	1.75

Herbs—Sweet and Medicinal

	Pkt.	Oz.
BASIL, SWEET. Used for flavoring soups...	\$0.10	\$0.30
BORAGE. The leaves are used in salads...	.10	.30
CARAWAY. The seeds are used in cakes and medicines.....	.10	.25
DILL. Seeds are used for flavoring.....	.10	.20
FENNEL, SWEET. For flavoring.....	.10	.25
FENNEL, FLORENCE. In flavor resembles Celery.....	.10	.30
LAVENDER. For oil and distilled water...	.10	.50
MARJORAM, SWEET. Used in seasoning.	.10	.50
ROSEMARY. Yields an aromatic oil and water.....	.10	.60
SAGE. A culinary herb, also used in medicines	.10	.50
SAVORY, SUMMER. Used as a culinary herb.....	.10	.40
THYME, BROAD-LEAVED. Used as a seasoning.....	.15	1.00

Esculent Roots and Plants

Asparagus Roots

WASHINGTON. Rust-resistant, vigorous, and of wonderful quality. The shoots are large, straight and dark green in color. Three year old.....	100	1000
PALMETTO. Three year old.....	3.00	25.00
GIANT ARGENTEUIL. Three year old..	3.00	25.00
ASPARAGUS ROOTS. Forcing clumps...	15.00	
ARTICHOKE PLANTS. Green Globe.....		Doz. \$2.50
CHIVE PLANTS.....		3.00
MINT PLANTS.....		3.00
HORSE RADISH ROOTS. Maliner Kren.....		100 \$1.50
RHUBARB ROOTS. Extra strong.....	100	Doz. \$3.50
TARRAGON ROOTS. Extra strong.....		3.50



Farm and Field Seeds

Prices Subject to Change

Barley

Sow 2 to 2½ bushels to the acre.

VERMONT CHAMPION. A standard variety.....	Bush \$3.75
BEARDLESS. Large heads, free from beards.....	3.75

Beans—Field

Sow ¾ bushel to the acre in drills.

SOJA. Mammoth Yellow.....	Market Price
VELVET BEAN. Largely grown for plowing under.....	Market Price

Buckwheat

Sow one bushel to the acre.

JAPANESE. Earliest and most productive. Bush (48 lbs.),	\$3.50.
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Field Corn

Eight quarts will sow one acre in hills
3 bushels will sow one acre broadcast.

Flint Varieties

GOLDEN NUGGET. The most prolific, earliest and best Flint corn. The ears are very long and are filled right out to the tip with large, deep kernels of a beautiful golden yellow color.....	Bush \$6.00
EARLY YELLOW CANADA. A popular early variety, small cob.....	5.00
LONGFELLOW. Long ears, very prolific.....	5.00
SANFORD WHITE FLINT. Medium sized ears, silvery white kernels.....	5.00

Dent Varieties

IMPROVED LEAMING. The most popular Dent variety. Large, handsome ears of a deep orange color.....	Bush \$5.00
EUREKA. Long ears, deep yellow grains, very early.....	5.00

Ensilage and Fodder Corn

SOUTHERN HORSETOOTH. A large, leafy grower, valuable for ensilage.....	Bush \$5.00
SWEET FODDER. Succulent and nutritious for feeding green.....	6.00

Millet

Sow one bushel to the acre.

	Lb.	100 lbs
HUNGARIAN. A favorite summer forage crop.....	\$0.12	\$8.00
GOLDEN. A heavier cropper than the Hungarian.....	.12	8.00
JAPANESE. Grows tall, valuable forage....	.12	7.00

Selected Seed Oats

Sow 2 to 3 bushels to the acre, standard weight, 32 lbs. to the bushel.

STORM KING. An exceptionally fine grade of Long's Tartar. The kernels are large and plump. Straw long and stout, a heavy yielder.....	Bush. (32 lbs.) \$3.00
CLYDESDALE. A popular sort, early and productive,	Bush. (32 lbs.) \$2.50



FARM AND FIELD SEEDS—Continued

Peas

Bush

CANADA FIELD. Valuable for cattle feeding, also used for ensilage.....\$5.50

WHIPPOORWILL COW PEAS. A popular, early maturing variety and is largely grown.....Market Price

Rape

Sow ten pounds to the acre broadcast.

Sow four pounds to the acre in drills.

Lb. 100 Lbs.

DWARF ESSEX. Used for pasturing sheep. Its fattening properties are said to be better than clover.....\$0.15 \$12.00

Rye

Sow two bushels to the acre.

Bush

SPRING. An excellent catch crop.....\$3.25

MAMMOTH WINTER. Heavy heading and productive. Sow in August and September.....3.50

Vetches, or Tares

Sow two bushels to the acre.

Lb. 100 Lbs.

SPRING VETCHES. Valuable for soiling or for green manuring. Sometimes grown with oats for mowing and feeding to stock..\$0.15 \$12.00

WINTER VETCHES. Also called Hairy Vetch, produces good crops on poor, sandy soils. Perfectly hardy......30 25.00

Wheat—Spring

Sow two bushels to the acre.

MARQUIS (Beardless). Vigorous and productive.....Bushel \$4.00

Wheat—Winter

JONES' RED WAVE (Beardless). Considered the best and most productive variety grown.....Market Price

RURAL NEW YORKER (Bearded). The straw is tall and strong, with compact heads.....Market Price

Clovers

Prices Subject to Change

Sow 30 to 40 pounds to the acre.

Lb. 100 Lbs.

ALFALFA, OR LUCERNE (Medicago Sativa). Valuable as a forage crop, produces enormous crops (Northern Grown).....\$0.40 \$35.00

ALFALFA GRIMM. Hardier and more productive than the ordinary Alfalfa. Thrives well on hard pan soils, and is better suited to wet soils than other kinds..75 70.00

ALSIKE CLOVER (Trifolium Hybridum). Very hardy, resists cold and wet.....35 30.00

CRIMSON OR SCARLET CLOVER (Trifolium Incarnatum). An annual variety of rapid growth valuable as a cover crop or for green manuring. Sow 20 pounds to the acre.....25 20.00

HUBAM. A new variety of annual Sweet Clover, more productive and matures quicker than the ordinary type.....65 60.00



CLOVERS—Continued

	Lb.	100 Lbs.
MEDIUM RED CLOVER (<i>Trifolium Pratense</i>). The common red clover, and the most valuable.....	\$0.45	\$40.00
MAMMOTH RED CLOVER, OR PEA VINE. Grows taller and lasts longer than the Medium Red.....	.50	45.00
WHITE CLOVER (<i>Trifolium Repens</i>). The best variety for lawn mixtures.....	.90	85.00
SWEET CLOVER. BOKHARA (<i>Melilotus alba</i>). Used on poor, light soils, when other clovers do not take well.....	.25	20.00

General List of Grasses

Prices Subject to Change.

	Lb.	100 Lbs.
CANADA BLUE GRASS (<i>Poa Compressa</i>). Excellent for poor, dry soil.....	\$0.40	\$35.00
CHEWING'S NEW ZEALAND FESCUE. Valuable for golf courses.....	.65	60.00
CREeping BENT GRASS. (<i>Agrostis Stolonifera</i>). Used extensively for lawns and putting green mixtures.....	Price on application	
CRESTED DOGSTAIL (<i>Cynosurus Cristatus</i>). Excellent for hard, dry soils.....	\$0.65	\$60.00
ENGLISH RYE GRASS (Pacey's) (<i>Lolium Perenne</i>). Invaluable for permanent pasture mixtures.....	.25	22.00
FINE-LEAVED SHEEP FESCUE (<i>Festuca Ovina Tenuifolia</i>). A fine-leaved variety, valuable for putting greens.....	1.25	
HARD FESCUE (<i>Festuca Duriuscula</i>). A dwarf growing hardy grass of great value. Rapid grower.....	.55	50.00
ITALIAN RYE GRASS (<i>Lolium Italicum</i>). Excellent for hay.....	.25	20.00
KENTUCKY BLUE GRASS (<i>Poa Pratensis</i>). One of the most valuable of our grasses.....	.55	50.00
MEADOW FESCUE (<i>Festuca Pratensis</i>). Valuable for permanent pasture.....	.30	25.00
MEADOW FOXTAIL (<i>Alopecurus Pratensis</i>). Should be included in all permanent pasture mixtures; matures early. ...	Price on application	
ORCHARD GRASS (<i>Dactylis Glomerata</i>). Valuable for sowing in shaded locations and among fruit trees in orchards.....	\$0.35	\$30.00
RED TOP FANCY RE-CLEANED (<i>Agrostis Vulgaris</i>). Excellent for lawns and permanent pastures. Stands the heat admirably.....	.40	35.00
RED, OR CREEPING FESCUE (<i>Festuca rubra</i>). Forms a dense turf and adapted for dry soils. Valuable for golf courses.....	.65	60.00
RHODE ISLAND BENT. (<i>Agrostis Canina</i>). A valuable permanent grass largely used for lawns.....	Price on application	
SHEEP FESCUE (<i>Festuca Ovina</i>). Thrives on dry uplands and on poor shallow soils...	\$0 55	\$50.00
TIMOTHY (<i>Phleum Pratense</i>). The standard grass for hay.....	.20	18.00
WOOD MEADOW GRASS (<i>Poa Nemoralis</i>). Valuable for growing under trees and shaded situations.....	1.35	



Lawn Seed Mixtures

M.-S. Co.'s Special Lawn Grass Mixture

Weight per measured bushel, 28 to 30 lbs.

Our Special Lawn Grass Mixture has obtained a great reputation and is solely composed of the purest and heaviest seeds of the finest leaved dwarf growing species of Grasses carefully blended.

Lawn Grass Mixtures at a much lower price are generally sold, but the use of these can only lead to disappointment, if a really fine lawn is desired. We supply only one quality—the very best that can be procured.

For new lawns we recommend sowing 100 lbs. to the acre. For renovating lawns use half of this quantity. 10 lbs. \$5.50. 25 lbs. \$13.00 100 lbs. \$50.00.

“Shady Place” Lawn Grass

This mixture is composed of grasses that are naturally adapted for growing under trees and shaded situations. 10 lbs. \$5.50. 25 lbs. \$13.00. 100 lbs. \$50.00.

Lawn Restoring Grass Mixture

A mixture of grasses suited to take firm hold and grow quickly on hard, worn out or burned spots. 10 lbs. \$5.00. 25 lbs. \$12.00. 100 lbs. \$45.00.

Lawn Tennis Grass Mixture

Composed of fine-leaved, deep rooting grasses that will produce a fine, close, elastic turf. 10 lbs. \$5.00. 25 lbs., \$12.00. 100 lbs., \$45.00.

Terrace Grass Mixture

A mixture of deep rooting grasses suited for terraces and embankments, that takes firm hold and withstands drought and exposure. 10 lbs., \$5.00. 25 lbs., \$12.00. 100 lbs., \$45.00.

Fair Green Mixture

Composed of dwarf spreading grasses, forming a close, velvety surface that improves from year to year. 10 lbs., \$5.00. 25 lbs., \$12.00. 100 lbs., \$45.00.

Putting Green Mixture

This mixture consists of most suitable grasses for insuring a close, dense turf, essential for putting greens. 10 lbs., \$7.00. 25 lbs., \$16.00. 100 lbs., \$60.00.

Special Mixtures for Hay and Permanent Pasture

These mixtures include the most nutritive and productive grasses suitable for laying down light, medium and heavy soils to permanent grass. State nature of soil when ordering. 10 lbs., \$5.00. 25 lbs., \$10.50. 100 lbs., \$40.00.

GENERAL LIST OF FLOWER SEEDS

Seeds of Stove and Greenhouse Plants

	Pkt.
ABUTILON (Chinese Bell Flower). Valuable perennials for greenhouse decoration. Choice hybrids.	\$0.25
ACACIA <i>Baileyana</i> . Long sprays of bright yellow flowers.	.20
ANGELONIA <i>grandiflora alba</i> . Pretty greenhouse perennial, with numerous white flowers carried on graceful sprays.	.25
ARALIA <i>Sieboldii</i> . Handsome greenhouse shrub.	.25
ASCLEPIAS <i>Curassavica</i> . Showy plant for greenhouse decoration. Flowers reddish-orange-scarlet, borne in large, erect clusters. Height, 2 ft.	.25
ASPARAGUS <i>plumosus nanus</i> . Slender, fern-like foliage.	100 seeds \$1.25, .25
Sprengeri . Drooping variety, suitable for hanging baskets.	100 seeds 50c., .20

Calceolaria

JAMES' PRIZE . Saved from the finest flowers only, containing a rich and varied collection of beautifully blotched and self-colored flowers.	1.00
Clibrani . Golden-yellow, very free flowering.	.75
rugosa . Well-known golden-yellow bedding variety.	.50
CELSIA <i>cretica</i> . An excellent half-hardy perennial plant producing on long stems numerous large yellow flowers which continue to open during the entire Summer. Height 4 ft.	.50
Arcturus . Clear yellow flowers, with purple anthers. Height 18 in.	.50

Cineraria hybrida

JAMES' PRIZE . A superb strain, noted for its compact, free flowering habit and variety of colors.	1.00
hybrida . Crimson, Azure Blue, Dark Blue, Flesh. Each \$1.00,	
stellata (Star Cineraria). Delicate, star-like flowers.	1.00
CLERODENDRON <i>fallax</i> . A handsome stove plant with brilliant scarlet flowers.	.75

Cyclamen, Giant Flowering

Our Cyclamen seed is grown by a leading English specialist and saved from his choicest and most perfect plants.

	Pkt.
Giant Crimson	100 seeds \$2.50, \$0.75
Giant Rose	100 seeds \$2.50, .75
Giant Salmon	100 seeds \$2.50, .75
Giant White	100 seeds \$2.50, .75
GLORY OF WANDSBEK . Light and dark shades of salmon.	100 seeds \$2.50, .75
Princess May . White with rose tip.	100 seeds \$2.50, .75
Rosy Morn . Delicate rose.	100 seeds \$2.50, .75
Choice Mixed	100 seeds \$2.50, .75
COLEUS . New, large-leaved hybrids.	.25
EUCALYPTUS <i>globulus</i> (Blue Gum Tree). Handsome half-hardy perennial, foliage bluish-green.	.15
EXACUM <i>affine</i> . Beautiful greenhouse pot plant, producing sweetly-scented, bright mauve flowers.	.50



SEEDS OF STOVE AND GREENHOUSE PLANTS—Cont'd

- FRANCOA ramosa.** Charming, half-hardy perennial, producing long spikes of pure white flowers. . \$0.25
GERBERA Jamesonii Hybrids (Transvaal Daisy).
 Elegant, star-shaped flowers in a wonderful variety of color, produced on long stems and when cut retain their freshness for two weeks.50

Gloxinias

- These beautiful plants are exceedingly useful and popular, and are readily raised from seed. Pkt.
Choice Mixed Colors \$1.00
GREVILLEA robusta (Silk Oak). Useful ornamental foliage plant, with fern-like foliage.15

Impatiens

- Charming, tender perennials for the greenhouse or conservatory, blooming continuously. Pkt.
Holstii. Orange-scarlet. \$0.25
Holstii Hybrids. Includes a wide range of colors, from lilac to ruby and salmon-pink to vermilion-scarlet.25

Primula sinensis fimbriata

- Charming greenhouse perennials. We can recommend our strains as being second to none for size, vigor of growth and free flowering properties.
Giant Blue **Giant White** **Giant Pink**
Giant Salmon **Giant Red** **Giant Mixed**
 Each, Pkt. \$1.00.

Primula stellata (Star Primulas)

- Crimson Star** **Blue Star**
Salmon-Pink Star **White Star**
Choice Mixed Each, Pkt. \$1.00.

Primula obconica gigantea

- A greatly improved form of *Primula obconica*, the flowers are nearly as large as those of *Primula sinensis*.
Gigantea, Crimson **Gigantea, Rose**
Gigantea, White **Choice Mixed**
 Each, Pkt. 75c.

Primula malacoides

- Lilac** **White**
Rose **Superba.** Deep pink, fine.
 Each, Pkt. 50c. Pkt.
Pink Beauty. A new and very remarkable variety with large flowers of a beautiful rosy-pink, almost shading to mauve. \$0.75
PRIMULA kewensis. A distinct variety with soft yellow flowers.50
SMILAX. A popular greenhouse climber with small, dark green foliage. ¼ oz. 30c., .10
SOLANUM capsicastrum. Greenhouse shrub with scarlet berries, excellent plants for Winter decoration.15
STEVIA serrata. Greenhouse perennial with graceful sprays of tiny flowers valuable for cutting.15
STREPTOCARPUS. Charming greenhouse perennials, with clusters of Achimene-like flowers.
Rose Queen. The flowers are of enormous size and of a delightful rose-pink color. 1.00
Giant Hybrids Mixed.50
TECOMA Smithii. Beautiful greenhouse plant with large heads of orange-colored blossoms.35
TRACHELIUM cæruleum. A free growing greenhouse annual, having large cloud-like heads of pale mauve flowers somewhat resembling *Gypsophila*.25

Annuals

Annuals grow and bloom, mature their seed and then die the same year. They offer a large field for selection and are found in every conceivable shade of color.

Pkt.

ACROCLINIUM. Handsome, everlasting flowers, half-hardy annuals. Height 1 ft.

Choice Mixed \$0.10

Ageratum

Useful bedding plants, effective and showy, continuing long in bloom. Half-hardy annuals. Pkt.

Blue Perfection. Dark blue, large, 18 in. $\frac{1}{4}$ oz. 75c., \$0.15

Dwarf Blue. 9 in. $\frac{1}{4}$ oz. 75c., .15

Dwarf White. 9 in. $\frac{1}{4}$ oz. 50c., .10

Blue Star. A miniature variety with lavender flowers, 6 in.25

Swanley Blue. A handsome, large flowered dwarf variety.20

AGROSTEMMA Coeli-rosa (Rose of Heaven). Free flowering hardy annual with bright rose flowers. 18 in.10

ALONSOA Warscewiczii. Showy, half hardy annual. Excellent for conservatory decoration. 15 in.15

Alyssum

Well-known, free flowering hardy annuals with white flowers, suitable for borders. Pkt.

Benthami (Sweet Alyssum). 12 in. Oz. 50c., \$0.10

Carpet of Snow. Dwarf and compact, desirable for edgings. 4 in. Oz. \$1.00, .10

Little Gem. Free flowering variety, of erect growth. 6 in. Oz. 85c., .10

Lilac Queen. Dwarf and compact. Distinct lilac flowers. Oz. \$1.25, .15

Amaranthus

Handsome foliage plants, suitable for pots or borders Half-hardy annuals. Pkt.

caudatus (Love Lies Bleeding). Drooping crimson racemes. 3 ft. $\frac{1}{4}$ oz. 25c., \$0.10

salicifolius (Fountain Plant). Red and yellow foliage. 3 ft. $\frac{1}{4}$ oz. 40c., .10

tricolor (Joseph's Coat). Scarlet, yellow and green foliage. 2 ft. $\frac{1}{4}$ oz. 50c., .15

ARCTOTIS grandis. Beautiful, Daisy-like flowers, with pure white and lilac petals. Half-hardy annual. $2\frac{1}{2}$ ft.15

ARTEMISIA saccorum viridis (Summer Fir). A graceful foliage plant of rapid growth and pyramidal habit. Excellent in groups in the border, also valuable as a pot plant. Half-hardy annual. 3 to 4 ft.20

ASPERULA azurea setosa. Clusters of fragrant blue flowers, valuable for bouquets. Hardy annual. 12 in.15



Antirrhinum (Snapdragon)

The Antirrhinum is treated as an annual and the seed sown every year, the rich spikes are beautiful for cutting.

Tall Varieties, 3 ft.

	Pkt.
Philadelphia Pink. Beautiful shade of bright pink, produces exceptionally large spikes.....	\$1.00
Silver Pink. Soft silvery pink.....	1.00
Phelps' White. The best white variety.....	.50
Feltham Beauty. Deep rose pink, with white center.....	.25
Giant Pink Beauty 1/4 oz. 60c.,	.15
Giant Coral Red 1/4 oz. 60c.,	.15
Giant Scarlet 1/4 oz. 60c.,	.15
Giant White 1/4 oz. 60c.,	.15
Giant Yellow 1/4 oz. 60c.,	.15
Giant Rose Dore. Salmon-rose, shaded gold..... 1/4 oz. \$1.00,	.25
Giant Venus. Delicate pink, with white throat... 1/4 oz. 75c.,	.15
Giant Choice Mixed 1/4 oz. 50c.,	.10

Intermediate Varieties, 1 1/2 ft.

Black Prince. Deep crimson, dark leaved. 1/4 oz. 75c.,	.15
Defiance. Fiery scarlet..... 1/4 oz. 75c.,	.15
Nelrose. Light pink.....	.25
Queen of the North. Pure white..... 1/4 oz. 60c.,	.15
Golden Queen. Pure yellow..... 1/4 oz. 60c.,	.15
Choice Mixed 1/4 oz. 60c.,	.15

Tom Thumb Varieties, 6 to 8 in.

Crimson.....	.20
Rose.....	.20
White.....	.20
Yellow.....	.20
Choice Mixed.....	.15

Asters

These showy, half-hardy annuals are universal favorites and useful alike for bedding and for cut flowers. Our strains are exceptionally fine and can be relied upon to produce the very best results.

American Beauty Asters

Giant branching type with large, full flowers and incurved petals borne on stout stems.

	Pkt.
Lavender	\$0.20
September Pink.....	.20
Purple.....	.20
Rose.....	.20
White.....	.20

Semple's Giant Branching Asters

The latest blooming and tallest of all large flowering Asters.

	Pkt.
Giant Azure Blue 1/4 oz. 75c.,	\$0.10
Giant Crimson 1/4 oz. 75c.,	.10
Giant Lavender 1/4 oz. 75c.,	.10
Giant Scarlet 1/4 oz. 75c.,	.10
Giant Rose 1/4 oz. 75c.,	.10
Giant Pink 1/4 oz. 75c.,	.10
Giant White 1/4 oz. 75c.,	.10
Giant Mixed 1/4 oz. 75c.,	.10

Giant Comet Asters

Large flowers, with long, wavy, twisted petals like Japanese Chrysanthemums.

Crimson	Pink	Lavender
Light Blue	White	Dark Blue
Rose	Mixed	
Each, pkt. 10c., 1/4 oz. \$1.00.		



ASTERS—Continued

Improved Crego Asters

Large, loose, feathery heads of the Comet type. Early.
Crimson **Purple** **Dark Blue**
Pink **Lavender** **White**
Choice Mixed
 Each, pkt. 10c., $\frac{1}{4}$ oz. \$1.00.

Extra Early Express

The earliest blooming Asters. Flowers large and full, of the Comet type.
Dark Blue **Light Blue**
Rose **White**

Each, pkt. 15c., $\frac{1}{4}$ oz. \$1.25.

King Asters

A distinct type of branching habit, with large flowers on long stems; the petals are long and narrow and folded lengthwise.

Violet King **Rose King**
Lavender King **White King**
Crimson King
 Each, pkt. 15c., $\frac{1}{4}$ oz. \$1.25.

"Giants of California"

These new Asters are the result of several years' work beginning with the crossing of the non-lateral branching types of the "American Beauty" class and those of the "Crego" type. They combine a flower of mammoth proportions with a long stem practically free from any laterals.

	Pkt.
New Giant Dark Purple $\frac{1}{8}$ oz.	\$1.00, \$0.25
New Giant Light Blue $\frac{1}{8}$ oz.	1.00, .25
New Giant Deep Rose $\frac{1}{8}$ oz.	1.00, .25
New Giant Peach Blossom $\frac{1}{8}$ oz.	1.00, .25

Giant Single Asters

	Pkt
Marshall Joffre, New Scarlet $\frac{1}{4}$ oz.	\$1.00, \$0.15
White $\frac{1}{4}$ oz.	.75, .10
Dark Blue $\frac{1}{4}$ oz.	.75, .10
Lavender $\frac{1}{4}$ oz.	.75, .10

Astermum

The flowers of this type closely resemble a Japanese Chrysanthemum.

Lavender **White** **Rose-Pink**
Choice Mixed
 Each, pkt. 15c., $\frac{1}{4}$ oz. \$1.00.

Balsam

Beautiful, half-hardy annuals, suitable either for pots or planting in borders. 2 feet. Pkt.

Camellia Flowered, White Perfection $\frac{1}{4}$ oz.	60c., \$0.15
Camellia Flowered, Salmon Rose $\frac{1}{4}$ oz.	60c., .15
Camellia Flowered, Scarlet $\frac{1}{4}$ oz.	60c., .15
Camellia Flowered, Rose $\frac{1}{4}$ oz.	60c., .15
Camellia Flowered, Light Pink $\frac{1}{4}$ oz.	60c., .15
Camellia Flowered, Choice Mixed $\frac{1}{4}$ oz.	50c., .10

BARTONIA aurea. Showy, hardy annuals, having a profusion of golden yellow flowers. 18 in..... .15

Begonia, Tuberous-Rooted

The single Tuberous Begonias are recognized as indispensable in every garden for bedding purposes. For pot culture they are also exceedingly useful; double varieties succeed best when grown as pot plants. Pkt.

Laing's Gold Medal Hybrids. Single Mixed.....\$0.75
Laing's Gold Medal Hybrids. Double Mixed..... 1.00



BEGONIA—Continued

Fibrous Rooted Varieties

Extensively used for bedding, flowering profusely throughout the Summer.

	Pkt.
gracilis, Pink	\$0.25
gracilis, Crimson.....	.25
gracilis, White Pearl.....	.25
gracilis luminosa. Deep scarlet, foliage crimson-bronze.....	.25
Erfordii, Pink. Rosy carmine flowers, with small, glossy, dark-green leaves.....	.50
Erfordii Red. Deep red flowers and dark, coppery foliage.....	.50
Dwarf Vernon. Rich red flowers, bronze-red foliage.....	.25
Salmon Queen. Brilliant salmon-red, crimson foliage.....	.25

Brachycome iberidifolia

(Swan River Daisy)

Neat and free blooming, half-hardy annual with small, Cineraria-like flowers. 9 in.

Blue

Each, pkt. 15c., $\frac{1}{4}$ oz. 60c.

White

BROWALLIA. Pretty, half-hardy annual suitable for Summer bedding, also valuable as a greenhouse pot plant. 18 in. Pkt.

speciosa major. A beautiful variety with large, bright violet-blue flowers.....\$0.25

elata alba. White......20

elata cærulea. Bright blue, foliage glossy green... .20

CACALIA coccinea (Tassel Flower). Hardy annual with bright, orange-scarlet, tassel-like flowers; fine for cutting. 18 in..... $\frac{1}{4}$ oz. 30c., .10

Calendula (Pot Marigold)

Valuable hardy annuals producing abundance of showy flowers until cut down by frost. 12 in.

officinalis fl. pl., Orange King, Improved Strain, Pkt.

An extra fine strain of this splendid Calendula, producing enormous orange flowers perfectly double, and beautifully formed.....

$\frac{1}{4}$ oz. 50c., oz. \$1.75, \$0.20

officinalis, fl. pl., Lemon Queen. Clear, lemon-yellow.....Oz. 60c., .10

Calliopsis

Well-known, free flowering hardy annuals, producing flowers for a long period. Pkt.

Drummondii (Golden Wave). Golden yellow, with brown center. 12 in..... $\frac{1}{4}$ oz. 25c., \$0.10

tinctoria. Yellow, dark center. 2ft... $\frac{1}{4}$ oz. 25c., .10

atrosanguinea. Deep crimson. 2ft... $\frac{1}{4}$ oz. 25c., .10

The Garnet (New). Glossy crimson scarlet flowers in great profusion......25

Tom Thumb Crimson King. Rich, dark crimson. 8 in..... $\frac{1}{4}$ oz. 25c., .10

Choice Mixed..... $\frac{1}{4}$ oz. 20c., .10

Candytuft (Iberis)

Showy, free flowering hardy annuals, valuable for cutting. Pkt.

Crimson.....Oz. 75c., \$0.10

Flesh Color.....Oz. 75c., .10

Lilac..... $\frac{1}{4}$ oz. 30c., .15

Rose Cardinal. Rich and striking color. $\frac{1}{4}$ oz. 50c., .15

Empress. Large white with long flower trusses, extensively used for forcing.....Oz. 75c., .10

Giant Hyacinth Flowered. Immense spikes of pure white flowers.....Oz. \$1.25, .15

Choice Mixed.....Oz. 50c., .10

Celosia pyramidalis (Celosia Thompsoni magnifica)

Very attractive for bedding and make excellent pot plants. 2 feet. Pkt.

plumosa aurea. Rich yellow.....	$\frac{1}{8}$ oz. 40c.,	\$0.15
plumosa coccinea. Crimson.....	$\frac{1}{8}$ oz. 40c.,	.15
plumosa white	$\frac{1}{8}$ oz. 40c.,	.15
Pride of Castle Gould. Choice mixed.....		.25

Celosia cristata (Cockscomb)

Showy annuals, producing large, comb-like flower heads.

GLASGOW PRIZE. Exceptionally fine strain, saved from flowers of great size and dwarf habit.

Crimson	Golden Yellow	Rose
Each, pkt. 15c.		

Celosia Childsii (Chinese Woolflower)

Flowers similar to balls of wool.

Crimson	Pink	Yellow
Each, pkt. 15c.		

Centaurea cyanus (Bachelor's Button)

Useful, free flowering hardy annuals. 2 feet.

Single Rose	Single Blue
Single White	Single Mixed
Each, pkt. 10c., oz. 50c.	
Double Rose	Double Blue
Double White	Double Mixed
Each, pkt. 15c., $\frac{1}{4}$ oz. 50c.	

Centaurea imperialis (Regal Sweet Sultan)

A giant flowering variety; fine for cutting.

Purple	Lilac
Bright Rose	White
Each, pkt. 15c., $\frac{1}{4}$ oz. 60c.	

Various Annual Centaureas Pkt.

americana. Large flowers, of a beautiful light lilac color.....	$\frac{1}{4}$ oz. 60c.,	\$0.15
americana alba. White.....		.20
suaueolens (Yellow Sweet Sultan). Bright yellow..	$\frac{1}{4}$ oz. 50c.,	.10

Centaurea, Foliage Varieties

candidissima. White, broad foliage.....	.20
gymnocarpa. White, narrow foliage.....	.15

Cheiranthus linifolius

This charming hardy annual has aroused great admiration. It is of low spreading habit and rapidly covers itself with a cloud of Wallflower-like flowers of an uncommon shade of cool lilac and continues to bloom all through the Summer and Autumn. **Pkt. 25c.**

Chrysanthemum

Very useful and showy hardy annuals, producing quantities of bloom for a long period.

Single Varieties Pkt.

Evening Star. Rich bright golden-yellow.....	$\frac{1}{4}$ oz. 35c.,	\$0.15
Morning Star. Large primrose flowers.....	$\frac{1}{4}$ oz. 35c.,	.15
Northern Star. Large, white flowers, dark center.	$\frac{1}{4}$ oz. 35c.,	.15
Choice Mixed	Oz. 50c.,	.10

Double Varieties

inodorum Bridal Robe. A compact and upright variety with pure white flowers.....	.20
coronarium, Golden Queen.....	.15
coronarium, White Pearl15

CINERARIA maritima candidissima. Silvery green, lacinated foliage.....	.15
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Clarkias

Handsome, showy annuals deserving extensive cultivation. They flower profusely and are exceedingly bright and attractive, especially in large masses. 1 to 1½ ft.

Pkt.

Carmine Queen.	Bright carmine.....	1/4 oz.	50c.,	\$0.15
Chamois Queen.	Pale chamois.....	1/4 oz.	50c.,	.15
Orange King.	Bright orange-scarlet...	1/4 oz.	50c.,	.15
Queen Mary.	Lovely rose-carmine....	1/4 oz.	50c.,	.15
Salmon Queen.	Salmon-pink.....	1/4 oz.	50c.,	.15
Scarlet Queen.	Orange-scarlet.....	1/4 oz.	50c.,	.15
CLEOME pungens (Spider Plant).	A robust annual with clusters of rose-colored flowers.			4 ft..... .10

Cosmos

Large Flowering Varieties

Pkt.

Mammoth Perfection.	Crimson.....	¼ oz.	30c.,	\$0.10
Mammoth Perfection.	Pink.....	¼ oz.	30c.,	.10
Mammoth Perfection.	White.....	¼ oz.	30c.,	.10
Mammoth Perfection.	Mixed.....	¼ oz.	30c.,	.10
Lady Lenox.	Pink. Flowers of enormous size....	¼ oz.	50c.,	.15
Lady Lenox.	White.....	¼ oz.	50c.,	.15
Klondyke.	Orange flowered.....	¼ oz.	\$1.00,	.20

Early Flowering Varieties

Crimson
White

Pink
Mixed

Each, Pkt. 15c., ¼ oz. 75c.

Double Crested Cosmos

A new class producing double flowers, beautifully crested and most striking in appearance.

Pkt.

Crimson King.	A beautiful shade....	⅛ oz.	\$1.00,	\$0.20
Pink Beauty.	Shell-pink.....	⅛ oz.	\$1.00,	.20
White Queen.	Pure white.....	⅛ oz.	\$1.00,	.20

Cynoglossum (Venus Navelwort)

An elegant hardy annual for beds or edgings, with glaucous green leaves.

Pkt.

cœlestinum.	Sky-blue.....		\$0.15
linifolium.	White.....		.15

Dahlia

Easily raised from seed sown early in the house or greenhouse, flowering the same season.

Pkt.

Choice Single Mixed	\$0.15
Choice Cactus Flowered.....	.20
Choice Peony Flowered.....	.20
Choice Decorative.....	.20

Delphinium (New Annual Varieties)

Blue Butterfly. A charming annual variety of dwarf habit, having deep gentian blue flowers, very useful for cutting. 12 in. ¼ oz. \$1.00, .15

Azure Fairy. Similar in habit to Blue Butterfly, but with flowers of a lovely Cambridge blue. ¼ oz. \$1.00, .15

Dianthus

These beautiful plants, though really hardy biennials do best when treated as half-hardy annuals and may be had in bloom the same season if sown early. 12 in.

Single Varieties

Pkt.

Heddewigii, "The Bride."	White, with rosy-purple eye.....	¼ oz.	60c.,	\$0.10
Heddewigii, Crimson Belle.	Brilliant velvety crimson.....	¼ oz.	75c.,	.15
Heddewigii, Eastern Queen.	Rose-colored flowers, finely striped.....	¼ oz.	75c.,	.15
Heddewigii, Choice Mixed		¼ oz.	50c.,	.10

DIANTHUS—Single Varieties—Continued Pkt.

laciniatus (Fringed) Salmon Queen. One of the most attractive varieties of Dianthus; flowers large, elegantly lacinated and of a lovely salmon-pink shade.....	$\frac{1}{4}$ oz. 75c.,	\$0.15
nobilis (Royal Pinks). Large, fringed flowers of glowing blood-red, shading to carmine and pink.	$\frac{1}{4}$ oz. \$1.00,	.20
laciniatus. Choice Mixed.....	$\frac{1}{4}$ oz. 50c.,	.10

Double Varieties

chinensis (Indian Pinks). Choice Mixed.	Oz. \$1.00,	.10
diadematus (Diadem Pinks). Choice Mixed.....	$\frac{1}{4}$ oz. 75c.,	.15
Heddewigii (Japan Pinks). Choice Mixed.....	$\frac{1}{4}$ oz. 60c.,	.10
DIASCIA Barberæ. Pretty half-hardy annual with pink, coral-like flowers, excellent for dwarf borders, and makes a fine pot plant. 9 in.....		.25
DIDISCUS cæruleus (Trachymene). Commonly known as the "Blue Lace Flower." An attractive annual with delicate pale-blue flowers, suitable either for greenhouse cultivation or for Summer bedding. Invaluable for cutting. $1\frac{1}{2}$ ft. $\frac{1}{8}$ oz. 50c.,		.15

Dimorphotheca (Half-Hardy Annuals)

aurantiaca. Gorgeous orange flowers, produced in great profusion, one of the most brilliant and lasting Summer bedding plants. Flowers in six weeks from time of sowing. 12 in.....	$\frac{1}{4}$ oz. 60c.,	\$0.15
aurantiaca Hybrids. The flowers include a wide range of shades of primrose, apricot, buff, salmon, and white.....	$\frac{1}{4}$ oz. 60c.,	.15

Erysimum

Free flowering hardy annuals, the plants resemble Wallflower; fine for cutting.	Pkt.	
Perofskianum. Orange yellow. 12 in.....		\$0.15
Golden Gem. A charming dwarf variety, literally covered with golden-yellow flowers. 10 in.....		.20
Linifolium. See novelties, page 1.		

Eschscholtzia (California Poppy)

Well-known hardy annuals with showy flowers, they are most effective when grown in beds. 12 in.	Pkt.	
californica. Large yellow.....	Oz. 40c.,	\$0.10
californica alba. Pure white.....	Oz. 40c.,	.10
Crimson King. Rich carmine-rose....	$\frac{1}{4}$ oz. 40c.,	.10
Crosea, fl. pl. Double orange.....	$\frac{1}{4}$ oz. 40c.,	.10
Golden West. Bright orange-yellow...	$\frac{1}{4}$ oz. 30c.,	.10
Mandarin. Orange-scarlet, shaded crimson.	Oz. 60c.,	.10
Mikado. Striking orange-crimson, one of the richest colors in Eschscholtzias.....	$\frac{1}{4}$ oz. 30c.,	.10
EUPHORBIA heterophylla (Mexican Fire Plant). Glossy green and carmine leaves, 2 to 3 ft.....		.15
variegata (Snow on the Mountain). Green and white foliage. 2 ft.....		.10
FEVERFEW. See MATRICARIA , page 33.		
FOUR O'CLOCK. See MARVEL OF PERU , page 33.		

Gaillardia (Blanket Flower)

Handsome hardy annuals, very useful for cutting. 2 ft.	Pkt.	
amblyodon. Deep red, single.....		\$0.15
Lorenziana Double Mixed. Large yellow and red flowers.....	$\frac{1}{4}$ oz. 30c.,	.10
Annual Varieties Mixed	$\frac{1}{4}$ oz. 25c.,	.10
For perennial varieties, see page 45.		



GAURA Lindheimeri. Free flowering hardy annual, long sprays of red-tinted white flowers. Pkt. 2 ft.....\$0.15

Globe Amaranth (*Gomphrena*)

Popular, everlasting flowers. 12 in.

Orange
Flesh Color

Choice Mixed
Each, Pkt. 10c.

Purple
White

Godetia

Showy, hardy annual, with large, satiny, mallow-like flowers, suitable for mixed beds or borders. 12 in. Pkt.

Crimson Glow. Compact growing variety with dazzling crimson flowers.....\$0.15

Duchess of Albany. Satiny white..... $\frac{1}{4}$ oz. 35c., .10

Lady Satin Rose. Bright carmine......15

The Bride. White and carmine..... $\frac{1}{4}$ oz. 35c., .10

Choice Mixed..... $\frac{1}{4}$ oz. 30c., .10

Grasses—Ornamental

Pkt.

AVENA sterilis (Animated Oats). Drooping, very graceful. 2 ft.....\$0.10

BRIZA maxima (Quaking Grass). Fine for bouquets. 1 $\frac{1}{2}$ ft......10

COIX Lacrymæ (Job's Tears). Seed resembles a teardrop. 2 to 3 ft......10

HORDEUM jubatum (Squirrel-tail Grass). Bushy panicles. 2 ft......10

LAGURUS ovatus (Hare's-tail Grass). Small, silvery gray plumes. 1 ft......10

PENNISETUM longistylum. Drooping heads.... .10

Ruppelianum. Violet-purple plumes. 2 to 3 ft. .10

STIPA pennata. Feather grass......10

ZEA japonica variegata. 5 ft......10

For perennial varieties, see page 46.

Pkt.

GYPHOPHILA (Baby's Breath). Light and graceful, free flowering annuals, useful for bouquets.

elegans grandiflora alba. Large, pure white flowers, 18 in.....Oz. 60c., \$0.10

rosea. Rose flowers. 18 in.....Oz. 60c., .10

muralis. Dwarf variety, with rose flowers, suitable for rockwork. 6 in... .. $\frac{1}{4}$ oz. 35c., .15

HELIANTHUS. See **SUNFLOWER**, page 38.

HELICHRYSUM monstrosum. Popular everlasting, useful for mixed borders. 2 ft.

Double Mixed Colors..... $\frac{1}{4}$ oz. 40c., .10

HIBISCUS africanus (Mallow). Free flowering, hardy annuals with yellow flowers and purple centers. 2 ft......10

Hibiscus Sunset. Beautiful greenhouse plant, yellow flowers, black center......20

HOLLYHOCK, Single Annual Varieties, Mixed.

$\frac{1}{4}$ oz. 50c., .15

Double Annual Varieties Mixed... $\frac{1}{4}$ oz. 75c., .20

For Biennial Varieties, see page 46.

HUNNEMANNIA fumariæfolia (Bush Eschscholtzia). Showy hardy annual, with large, golden yellow flowers and feathery, glaucous foliage.

18 in..... $\frac{1}{4}$ oz. 40c., .10

ICE PLANT (*Mesembryanthemum crystallinum*). Half-hardy annual with thick, succulent leaves. 6 in......10

KAULFUSSIA ammeloides. Pretty, hardy annuals with blue flowers, suitable for massing. 6 in. .15

KOCHIA trichophylla (Summer Cypress). A Pkt.
 rapid-growing annual, foliage green, turning to
 fiery red in Autumn. 3 ft. ¼ oz. 30c. \$0.10

LARKSPUR. Showy, hardy annuals; their beauti-
 ful and graceful spikes of bloom make a splendid
 display. 2 feet.

Rose Purple	Flesh Color Light Blue Choice Mixed	White Carminé
Each, pkt. 10c., ¼ oz. 30c.		

LANTANA hybrida. Shrubby half-hardy bedding
 plant. Choice mixed Pkt.
 \$0.20

LAVATERA (Annual Mallow). Showy, hardy annuals,
 with large, cup-shaped flowers, useful for massing
 and cutting. Pkt.

arborea variegata (Tree Mallow). Large, orna-
 mental foliage plants, with leaves mottled yellow
 and white. 4 ft. \$0.15

rosea splendens. Rosy-pink flowers. 3 ft.15

alba splendens. White flowers. 3 ft.15

trimestris. Red. 2 ft.10

trimestris. White. 2 ft.10

LEPTOSYNE. Fragrant, half-hardy annuals, large,
 Marguerite-like flowers on long stems. Excellent
 for cutting. Pkt.

Maritima. Large, lemon-yellow. 2 ft. ¼ oz. 75c. \$0.15

Stillmani. Rich golden-yellow, bloom in six weeks
 after sowing. 2 ft.15

LIMNANTHES Douglasii. Vigorous, hardy an-
 nual with white and yellow flowers. 9 in.15

LINARIA maroccana Hybrids. Beautiful annuals
 ranging from white to yellow, pink and blue.
 9 in.15

reticulata aurea purpurea. Golden-yellow and
 brown-red.15

Lobelia

Dwarf Varieties

Pretty and invaluable half-hardy annuals for bedding
 and edging. 4 to 6 in. Pkt.

compacta Crystal Palace. Dark blue ⅛ oz. \$1.00 \$0.15

Emperor. Light blue. ⅛ oz. 1.00 .15

White Lady. Pure white.20

Royal Purple. Deep blue with white eye.20

gracilis. Light blue, trailing variety.15

Tall Varieties

Ramosa. Blue, flowers profusely in Fall. 1½ ft.25

Tenuior. A charming variety, large, cobalt-blue
 with white center, very suitable for growing in
 pots or baskets. 12 in.25

For Perennial Lobelia, see page 47.

Lupinus (Lupine)

These garden favorites are among the most beautiful
 and useful of our hardy annuals, splended for beds, bor-
 ders and backgrounds. 2 to 3 feet. Pkt.

Hartwegii. Blue. ¼ oz. 25c., \$0.10

albus. White. ¼ oz. 25c., .10

roseus. Rose. ¼ oz. 25c., .10

hirsutus. Large blue. Oz. 50c., .10

Large white. Oz. 50c., .10

Large rose. Oz. 50c., .10

Menziezii. Long stems of bright yellow flowers,
 dwarf branching habit. ¼ oz. 50c., .15

Mixed. Oz. 50c., .10

For Perennial Lupins, see page 47.



Malope

Pretty, free flowering hardy annuals with mallow-like flowers. 2 feet. Pkt.

grandiflora alba. White.....	Oz. 60c.,	\$0.10
rosea. Rose.....	Oz. 60c.,	.10
rubra. Red.....	Oz. 60c.,	.10
Mixed	Oz. 60c.,	.10

Marigold

Well-known, half-hardy annuals, extremely showy for beds or borders. Our strains are saved by the best Scotch growers.

Double African, 2½ ft. Pkt.

Giant Lemon Queen. Rich, lemon-yellow ⅛ oz. 75c. \$0.20

Giant Prince of Orange. Beautiful orange color... ⅛ oz. 75c., .20

Eldorado. Large quilled flowers, brilliant shades of yellow..... ¼ oz. 50c., .15

Choice Mixed..... ¼ oz. 50c., .10

Double French, 1 ft.

Dwarf Gold Striped. Handsomely marked flowers. ⅛ oz. \$1.00, .25

Dwarf Cloth of Gold. Golden yellow... ⅛ oz. 75c., .20

Dwarf Mixed..... ¼ oz. 35c., .10

Dwarf Legion of Honor (Little Brownii). Single golden-yellow, marked velvety red... ¼ oz. 40c., .10

MARVEL OF PERU (Four o'Clock). Popular, half-hardy annual, suitable for large beds. 2 feet.

Choice Mixed Colors..... Oz. 35c., .10

MATHIOLA bicornis (Night-scented Stock). A charming little annual, with a delicious odor perceptible in the evening, purplish-lilac flowers. 12 in..... .10

MATRICARIA (Feverfew). Free flowering, hardy annuals, with a profusion of dainty flowers. 1½ foot.

Capensis. Small, double white flowers..... .15

Golden-Ball. Golden-yellow flowers, fine for pots .20

MESEMBRYANTHEMUM. See **ICE PLANT**, page 31.

MIGNONETTE (*Reseda odorata*). Old favorites in every garden, the sweet perfume of the flowers is greatly appreciated in the house.

Giant Exhibition. An excellent strain for forcing, producing immense, well-formed spikes. The seed we offer was raised under glass and saved from selected spikes..... ⅛ oz. \$3.50 1.00

Allen's Defiance. Large spikes, very fragrant.. Oz. \$1.00, .10

Crimson Giant. Immense spikes of deep red flowers. ¼ oz. 75c., .20

Golden Queen. Golden-yellow, very fine. ¼ oz. 35c., .10

Goliath. A striking variety, with enormous spikes of red flowers..... ¼ oz. 50c., .15

Machet. Long spikes of sweet-scented red flowers. ¼ oz. 50c., .10

Large Flowering. The old sweet-scented variety. Oz. 40c., .05

MIMOSA pudica (Sensitive Plant). An interesting half-hardy annual, with pinkish flowers, the leaves close when touched. 1½ ft..... .10

MIRABILIS. See **MARVEL OF PERU**, above.

Nasturtium

Beautiful, free flowering annuals, admirably adapted for bedding out.

Dwarf Varieties, 12 in.

Aurora. Chrome-yellow, lower petals suffused with purplish-carmine.....	Oz. 25c.,	\$0.10
Chameleon. Pale yellow, blotched with red.....	Oz. 25c.,	.10
Empress of India. Crimson-scarlet, dark foliage.....	Oz. 25c.,	.10
Golden King. Deep yellow, dark foliage....	Oz. 25c.,	.10
King of Tom Thumbs. Rich scarlet, dark foliage.....	Oz. 25c.,	.10
King Theodore. Deep maroon, dark foliage.....	Oz. 25c.,	.10
Pearl. Creamy-white.....	Oz. 25c.,	.10
Choice Mixed	$\frac{1}{4}$ lb. 60c., oz. 20c.,	.05

Tall Varieties

Dark Crimson	Oz. 25c.,	.10
Nankin Yellow	Oz. 25c.,	.10
Maroon	Oz. 25c.,	.10
Creamy White	Oz. 25c.,	.10
Choice Mixed	$\frac{1}{4}$ lb. 60c., oz. 20c.,	.05

Nemesia strumosa Suttoni

These half-hardy annuals are exceedingly showy and not nearly so much grown as they deserve to be. The flowers exhibit a wide range of delightful colors. They make excellent pot plants. 1 to 1 $\frac{1}{2}$ feet.

Orange Prince. Rich orange-yellow.....	Pkt. \$0.25
Fire King. Bright red.....	.25
Reticulata. Mottled, very showy.....	.25
Choice Mixed.....	.25
compacta, Blue Gem. Very compact, pretty Forget-me-not blue flowers.....	.30
White Gem. White flowers.....	.30

NEMOPHILA. Among the most useful of hardy annuals, on account of their free flowering habit and hardy nature. 9 inches.

insignis. Beautiful light blue.....	.10
maculata. White spotted with deep violet.....	.10

NICOTIANA (Tobacco). Showy and free flowering, half-hardy annuals.

affinis. Pure white, sweet-scented. 3 ft. $\frac{1}{4}$ oz. 35c.,	.10
Sanderæ. Rich carmine. 3 ft. $\frac{1}{4}$ oz. 40c.,	.10
Sanderæ Hybrids. Many brilliant colors. 3 ft. $\frac{1}{4}$ oz. 50c.,	.15
sylvestris. A handsome plant of pyramidal habit, large clusters of white flowers. 4 ft. ....	.15

NIEREMBERGIA gracilis. Fine for edging or hanging baskets, pretty cup-shaped lilac and white flowers..... .10

NIGELLA, Miss Jekyll. A most attractive variety with flowers of a beautiful Cornflower blue, excellent for cutting. 1 $\frac{1}{2}$ ft. $\frac{1}{4}$ oz. 35c., .10

Miss Jekyll. White..... $\frac{1}{4}$ oz. 35c., .10

NYCTERINIA selaginoides. Pretty, half-hardy annual, forming dwarf, compact plants, excellent for beds and borders. Flowers white, flushed lilac. 9 in.20

OENOTHERA Drummondii (Evening Primrose). The bright yellow flowers open early in the evening and last well into the next day. 1 $\frac{1}{2}$ ft.10



Petunia (Half Hardy Annuals)

Giant Single Varieties

Giants of California. A superb strain of beautifully fringed, ruffled and plain-edged varieties in splendid mixture..... \$0.25

Giant Fringed. An unrivalled strain of giant fringed sorts of great substance and most beautiful colors. Choice Mixed..... .50

Giant Double Varieties

Giant Double Fringed. Extra fine strain. Immense, beautifully fringed flowers. Choice Mixed .50

Lady of the Lake. Pure white fringed, extra large flowers..... .50

Single Bedding Varieties

Rosy Morn. Bright rosy-pink with white throat, compact and free flowering..... $\frac{1}{8}$ oz. 50c., .15

Striped and Blotched. Beautifully striped and mottled flowers..... $\frac{1}{8}$ oz. 50c., .15

Snowball. Pure white..... $\frac{1}{8}$ oz. 50c., .15

Violet Queen (Balcony Petunia). Deep violet blue. 1 ft. Most effective..... .25

PHACELIA campanularia. A charming hardy annual with deep blue flowers. 9 in..... .15

Phlox Drummondii

The annual Phloxes are among our most popular and useful Summer flowering plants, they continue to bloom until cut down by frost and of most gorgeous and varied colors. 12 inches. Pkt.

Grandiflora alba. Pure white..... $\frac{1}{4}$ oz. 75c. \$0.10

Chamoise Rose...... $\frac{1}{4}$ oz. 75c., .10

Coccinea. Brilliant scarlet..... $\frac{1}{4}$ oz. 75c., .10

Isabellina. Yellow..... $\frac{1}{4}$ oz. \$1.00, .15

Purple...... $\frac{1}{4}$ oz. 75c., .10

Choice Mixed...... $\frac{1}{4}$ oz. 75c., .10

Dwarf Varieties, 8 in.

Chamoise Rose...... $\frac{1}{8}$ oz. \$1.00, .20

Fireball. Flame red..... $\frac{1}{8}$ oz. \$1.00, .20

Purple...... $\frac{1}{8}$ oz. \$1.00, .20

White...... $\frac{1}{8}$ oz. \$1.00, .20

Choice Mixed...... $\frac{1}{8}$ oz. \$1.00, .20

Poppies

The number of varieties of these charming annuals is so great that some difficulty may be found in selecting the most useful sorts. We have endeavored to catalogue only those kinds which we can thoroughly recommend.

Single Varieties

Pkt.

The Shirley. The brilliant colorings and wonderful variety of the flowers of this popular variety make a very effective display. Choice Mixed. 2 ft..... Oz. 75c. \$0.10

Danebrog. Scarlet flowers, with white cross in center. 2 ft..... Oz. 60c., .10

glaucum. Rich scarlet. 1½ ft..... $\frac{1}{4}$ oz. 35c., .10

Miss Sherwood. White and chamoise rose. 2 ft..... $\frac{1}{4}$ oz. 25c., .10

Single Mixed...... Oz. 60c., .10

Double Varieties

American Flag. White bordered with scarlet. 2 ft..... $\frac{1}{4}$ oz. 25c., .10

Mikado. Large white flowers, fringed with rose. 2 ft..... $\frac{1}{4}$ oz. 25c., .10

Eldorado. A double form of the "Shirley," mixed colors..... $\frac{1}{4}$ oz. 50c., .10

White Swan. Large, pure white. 2 ft. $\frac{1}{4}$ oz. 25c., .10

Carnation Flowered, Mixed...... Oz. 50c., .10

Ranunculus Flowered, Mixed...... Oz. 60c., .10

Portulaca

Pretty, hardy annuals, succeeding best in dry, warm situations and producing flowers of the most brilliant colors. 6 inches.

Single Rose	Single White
Single Scarlet	Single Yellow
Single Choice Mixed	
Each, pkt. 10c., $\frac{1}{4}$ oz. 50c.	
Double Mixed , pkt. 15c., $\frac{1}{4}$ oz. \$1.25.	

RHODANTHE maculata. Beautiful everlasting Pkt. much prized for Winter bouquets. $1\frac{1}{2}$ ft.
Choice Mixed Colors.....\$0.10

Ricinus (Castor Oil Plant) Pkt.

borboriensis arboreus. Green foliage. 15 ft. Oz. 35c.	\$0.10
cambodgensis. Dark maroon foliage, black stems. 5 ft.....	Oz. 35c., .10
Gibsoni. Dark red foliage. 5 ft.....	Oz. 40c., .10
sanguineus. Reddish-purple foliage, red stems. 6 ft.....	Oz. 35c., .10
zanzibarensis, Mixed. Leaves of enormous size. 10 to 12 ft.....	Oz. 35c., .10
All Varieties Mixed	Oz. 30c., .05
RUDBECKIA bicolor superba (Coneflower). Attractive annual of compact growth. Excellent for cutting. Golden yellow flowers with chestnut markings. 2 ft.....	.15

Salpiglossis

These handsome, half-hardy annuals are highly esteemed for their elegant habit and brilliant flowers. Invaluable for cutting. 2 feet. Pkt.

Crimson and Gold	$\frac{1}{4}$ oz. \$1.00 \$0.15
Crimson	$\frac{1}{4}$ oz. \$1.00, .15
White and Yellow	$\frac{1}{4}$ oz. \$1.00, .15
Rose and Gold	$\frac{1}{4}$ oz. \$1.00, .15
Scarlet and Gold	$\frac{1}{4}$ oz. \$1.00, .15
Violet and Gold	$\frac{1}{4}$ oz. \$1.00, .15
Yellow	$\frac{1}{4}$ oz. \$1.00, .15
Emperor Mixed	$\frac{1}{4}$ oz. 85c., .10

Salvia

splendens Bonfire. Free flowering, with dense Pkt. flaming scarlet spikes. $2\frac{1}{2}$ ft..... $\frac{1}{4}$ oz. \$1.50 \$0.20

Ball of Fire. Forms a compact, dense bush, flowers dull red, excellent for pot culture..... .25

Zurich. Free flowering dwarf variety, brilliant scarlet flowers. 12 in..... .25

patens. Rich blue, very beautiful. 2 ft..... .25

Farinacea. Light blue flowers in great abundance good for cutting. 3 ft..... $\frac{1}{8}$ oz. 60c., .15

horminium violacea. Beautiful violet-blue, useful for bedding. $1\frac{1}{2}$ ft..... .15

SANVITALIA procumbens fl. pl. Beautiful dwarf, hardy annuals for beds and borders, bright double yellow flowers. 6 in..... .15

SAPONARIA Vaccaria. Splendid, tall-growing hardy annual of branching habit, with pale rose flowers, especially valuable for bouquets. 3 ft. $\frac{1}{4}$ oz. 25c., .10

Scabiosa (Mourning Bride)

Charming, half-hardy annuals, extremely useful for cutting.

Pkt.	Pkt.
Azure Fairy. Heavenly blue.....	\$0.15
Black Purple.....	.10
Fiery Scarlet.....	.10
Flesh Color.....	.10
Lilac	\$0.10
Rose.....	.10
Yellow.....	.10
Pure White.....	.10
Choice Mixed.....	.10



Schizanthus

Handsome, free flowering annuals, well deserving of extended cultivation, fine for beds and borders. They make charming pot plants, and if sown in the Autumn will make fine plants the following Spring.

wisetonensis. Compact in habit and of pyramidal Pkt. growth. The flowers are of various delicate shades of white, cream and rose. Choice Mixed. \$0.25

Pink Pearl. Glistening white, with rosy-pink margin to petals. .50

retusus Giant White. A magnificent strain, with large, white flowers, effectively blotched with bright golden yellow. .25

retusus Giant Pink Beauty. An exquisite shade of rose-pink. .50

SENSITIVE PLANT. See MIMOSA, page 33.

Statice (Sea Lavender)

Pretty plants for beds or rockwork, also valued when dried as everlasting for Winter bouquets. 1½ ft. Pkt.

sinuata Hybrids. A large-flowered type, with mauve-purple, white and primrose-yellow flowers. \$0.15

Suworowii. Bright rose color; very fine. .15

Stocks (Gilliflower)

Unsurpassed for bedding, pot culture and for cutting and one of the most popular of the half-hardy annuals. The seed we offer is saved from carefully selected plants.

Giant Perfection, Ten Weeks

One of the best varieties, forming splendid plants of pyramidal growth and branching habit.

Chamoise	Crimson	Canary Yellow
Flesh Color	Light Blue	Dark Blue
Rose	White	Choice Mixed

Each, pkt. 20c., ⅛ oz. \$1.25.

Collection of 8 varieties. Each, \$1.25

Collection of 6 varieties. Each, 1.00

Cut-and-Come-Again (Dresden Perpetual)

A fine, early flowering perpetual variety; large spikes, excellent for cutting. Pkt.

Canary Yellow ⅛ oz. \$1.25 \$0.20

Chamoise ⅛ oz. \$1.25, .20

Dark Blood Red ⅛ oz. \$1.25, .20

Dark Blue ⅛ oz. \$1.25, .20

Crimson ⅛ oz. \$1.25, .20

Rose ⅛ oz. \$1.25, .20

Light Blue ⅛ oz. \$1.25, .20

Princess Alice. Pure white, large spikes. ⅛ oz. \$1.25, .20

Choice Mixed ⅛ oz. \$1.00, .15

Collection of 8 varieties. Each, 1.25

Collection of 6 varieties. Each, 1.00

Large Flowering Winter Stocks

These Winter-flowering varieties are admirably suited for forcing in the greenhouse, producing long spikes of extremely double flowers. Pkt.

Abundance. Soft carmine rose. ⅛ oz. \$1.25, \$0.20

Almond Blossom. White, shaded carmine. ⅛ oz. \$1.25, .20

Beauty of Nice. Beautiful flesh pink. ⅛ oz. \$1.25, .20

Crimson King. Rich crimson. ⅛ oz. \$1.25, .20

Empress Elizabeth. Bright rose. ⅛ oz. \$1.25, .20

Queen Alexandra. Lilac-rose, very fine. ⅛ oz. \$1.25, .20

White Lady. Pure white, large spikes. ⅛ oz. \$1.25, .20

Monte Carlo. Pure yellow. ⅛ oz. \$1.25, .20



Sunflower (Helianthus)

Showy hardy annuals for borders, the smaller varieties are useful for cutting. Pkt.

cucumerifolius. Small, single rich yellow flowers.		
3 ft.....	Oz. 60c.	\$0.10
stella. Single golden-yellow flowers, with black centers, fine for cutting.	4 ft.....	Oz. 75c., .10
macrophyllus giganteus. Huge leaves and large single yellow flowers.	8 ft.....	Oz. 25c., .05
Sutton's New Red. Dark-centered, brilliant flowers banded with bright, chestnut-red, merging to yellow at the tips of the petals.	6 ft.....	.15
Double Californian. Large, double yellow flowers.	5 ft.....	Oz. 50c., .05
Double Chrysanthemum Flowered. Golden-yellow flowers.	7 ft.....	Oz. 60c., .10

Sweet Peas

Giant Spencer Varieties

Light Blue and Lavender

	Pkt.	Oz
Asta Ohn. Beautiful, soft lavender.....	\$0.10	\$0.50
Florence Nightingale. Lavender, faintly shaded rose.....	.10	.50
R. F. Felton. Soft lavender, suffused with rose.....	.10	.50
Margaret Madison. Clear azure-blue.....	.10	.50
Hawlmarm Lavender. Clear light lavender...	.15	.60

Blue and Purple

Blue Monarch. Dark blue.....	.10	.50
Captain of the Blues. Fine purple.....	.10	.50
Commander Godsall. Violet blue.....	.15	.75
Jack Cornwell, V. C. Deepest blue.....	.15	.60
Mrs. Tom Jones. Azure-blue.....	.10	.50
Royal Purple. Rich rosy purple.....	.10	.50
Wedgwood. Lovely self blue.....	.10	.50

Pink and Rose

Countess Spencer. Soft rose-pink.....	.10	.50
Elfrida Pearson. Beautiful pale pink.....	.10	.50
Hawlmarm Pink. Rose pink, shaded salmon	.15	.60
Hercules. Magnificent soft rose-pink.....	.10	.50
Margaret Atlee. Warm salmon-pink.....	.10	.50

Salmon and Orange

Barbara. Superb salmon-colored self.....	.10	.50
Fiery Cross. Fine orange-scarlet.....	.10	.50
Helen Lewis. Beautiful orange-pink.....	.10	.50
Robert Sydenham. Rich glowing orange...	.10	.50
Stirling Stent. Deep salmon.....	.10	.50
Tangerine. Beautiful orange.....	.15	.60

Crimson and Scarlet

Charity. Beautiful scarlet-crimson.....	.15	.60
King Edward Spencer. Rich carmine scarlet	.10	.50
Maud Holmes. Crimson-scarlet.....	.10	.50
Scarlet Emperor. Giant deep scarlet.....	.10	.50
Vermilion Brilliant. Brilliant scarlet.....	.10	.50

Maroon

Hawlmarm Maroon. Best maroon.....	.15	.60
King Manoel. Rich deep maroon.....	.10	.50
Othello Spencer. Glossy maroon.....	.10	.50

Bicolor

Mrs. Cuthbertson. Rose-pink standards, white wings.....	.10	.50
Blanche Ferry Spencer. Standards bright rose, wings blush white.....	.10	.50



SWEET PEAS—Continued

Striped and Flaked

America Spencer. White, striped with crim-son-red.....	Pkt. \$0.10	Oz. \$0.50
Senator Spencer. Chocolate, striped and flaked on light heliotrope ground.....	.10	.50

Yellow Shades

Dobbies' Cream. Fine, large deep primrose..	.10	.50
Primrose Spencer. Light primrose yellow..	.10	.50

White

King White. Pure white, enormous flowers..	.10	.50
Constance Hinton. The best black-seeded white Spencer.....	.10	.50

SUPERB MIXTURE OF SPENCER SWEET PEAS

Oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Early, or Winter Flowering Spencer

Sweet Peas

	Pkt.	$\frac{1}{2}$ oz.	Oz.
Apricot. Rich deep salmon.....	\$0.20	\$0.60	\$1.00
Blue Bird. A charming shade of blue..	.20	.75	1.25
Cheerful. Begonia pink; magnificent flower.....	.50	2.00	3.50
Columbia. Standard. Rose-pink wings creamy white.....	.20	.60	1.00
Fire King. Fiery red, immense blooms	.20	.60	1.00
Fordhook Rose. Charming shade of rose, shaded carmine.....	.20	.75	1.25
Glitters. Standard bright orange-scarlet, wings deep orange. A distinct and charming variety.....	.25	.85	1.50
Gorgeous. Soft salmon-cerise, pleasing color.....	.20	.60	1.00
Lavender King. Rich true deep lavender.....	.20	.75	1.25
Loveliness. White suffused rose-pink.	.20	.60	1.00
Mrs. Kerr. Pleasing shade of rich salmon.....	.35	1.25	2.00
Mrs. Warren G. Harding. A deep shade of silvery blue.....	.35	1.25	2.00
Maroon Prince. Rich reddish maroon	.20	.75	1.25
Mauve Beauty. Rosy mauve, immense size.....	.20	.75	1.25
Primrose Beauty. Deep primrose flushed with rose.....	.20	.60	1.00
Rose Queen. Fine light rose-pink...	.20	.75	1.25
Snowstorm Improved. Pure white, immense size and exquisite form....	.25	.85	1.50
Sunburst Improved. Rich salmon-pink.....	.35	1.25	2.00
White Star. Pure white (black seed).	.35	1.25	2.00
Yarrowa. Bright rose-pink with a creamy base.....	.20	.60	1.00
Zephyr. A delightful shade of pale blue.....	.20	.75	1.25
Zvolanek's Rose. Considered one of the best in the rose-pink class.....	.25	.85	1.50
TAGETES signata pumila. Small, single, yellow, star-shaped flowers. 12 in. Pkt. 10c.			

Torenia

Beautiful, free flowering tender annuals, fine for vases, baskets, etc. 12 inches. Pkt.

Bailloni. Deep yellow, with purple throat.....\$0.25

Fournieri grandiflora. Light blue, with dark blue spots and yellow throat......25

Fournieri, White Wings. Blush-white with yellow throat, striking and beautiful......25

TRACHYMENE. See Didiscus, page 30.

Verbena

Showy, half-hardy annuals invaluable for bedding. Pkt.

Mammoth Blue	1/4 oz. 60c.,	\$0.10
Mammoth Pink	1/4 oz. 60c.,	.10
Mammoth Purple	1/4 oz. 60c.,	.10
Mammoth Yellow	1/4 oz. 60c.,	.10
Mammoth White	1/4 oz. 60c.,	.10
Mammoth Choice Mixed	1/4 oz. 60c.,	.10
Mammoth Helen Willmott. Bright salmon-rose with white eye. Very fine.....		.25
Mammoth Rose Queen (New). Large blooms of a lovely delicate rose color.....		.35
Mammoth Scarlet Queen (New). Vivid scarlet, with large and distinct white eye, a striking color. ....		.35

Vinca

Pkt.

alba pura. Pure white.....	1/4 oz. 60c.,	\$0.15
alba rosea. White with rose center.....	1/4 oz. 60c.,	.15
rosea. Rose.....	1/4 oz. 60c.,	.15
Choice Mixed	1/4 oz. 60c.,	.15
VISCARIA cardinalis. Showy, hardy annuals, with cup-shaped magenta flowers; useful for mixed borders. 12 in.....		.15

Wallflower, Annual Paris

This annual, or extra early strain, if started early in heat, will bloom the same season. Excellent for forcing.

Light Brown	Blood Red
Creamy White	Golden Yellow

Each, pkt. 15c.

Whitlavia grandiflora

Pretty, hardy annuals with bell-shaped flowers borne in profusion on compact plants.

Blue	White
-------------	--------------

Each, pkt. 15c.

Zinnia, Giant Double

Giant Crimson	Giant Flesh Color
Giant Golden Yellow	Giant Pink
Giant Purple	Giant White
Giant Scarlet	Giant Lavender
Giant Salmon Rose	Giant Violet
Giant Orange and Gold	

Choice Mixed

Each, pkt. 15c., 1/4 oz. 60c.

Giant Dahlia-Flowered Zinnias

The latest development in Zinnias, bearing flowers of mammoth size, and in form like a perfect decorative Dahlia. Pkt.

Crimson Monarch. The largest and best of the red shades.....	\$0.25
Dream. Fine deep lavender.....	.25
Exquisite. Beautiful light rose.....	.25
Golden State. A very rich orange yellow.....	.25
Polar Bear. Large, pure white.....	.25
Oriole. Orange and gold.....	.25

Zinnia Pumila, Double Dwarf Bedding

Golden Yellow	Salmon Rose
Dark Scarlet	White

Each, pkt. 15c., 1/4 oz. 75c.



Climbers

ADLUMIA cirrhosa (Mountain Fringe). A hardy Pkt.
biennial climber, with beautiful dark rose
flowers and delicate foliage.....\$0.20

BALLOON VINE (*Cardiospermum*). A rapid-grow-
ing, half-hardy annual climber with white blos-
soms.....Oz. 40c., .10

CARDINAL CLIMBER. A beautiful annual climber
of rapid growth, with fern-like foliage. The
flowers are of a fiery cardinal-red color and
borne in clusters......25

Cobæa scandens

Well-known, tender perennial climber, with large, bell-
shaped flowers. Pkt.

scandens, Blue..... $\frac{1}{4}$ oz. 35c., \$0.10

scandens, White..... $\frac{1}{4}$ oz. 60c., .20

CYPRESS VINE (*Ipomœa Quamoclit*). A graceful,
twining annual with feathery, dark-green foliage
and star-like flowers, Mixed colors... $\frac{1}{4}$ oz. 30c., .10

DOLICHOS Lablab (*Hyacinth Bean*). A rapid-
growing annual climber, bearing Pea-shaped,
purple blossoms and ornamental seed pods.....
Oz. 40c., .10

ECHINOCYSTIS lobata (*Wild Cucumber Vine*).
One of the quickest growing annual vines. The
foliage is large and of a rich green color..Oz. 50c., .10

Gourds, Ornamental

Angora. Ornamental foliage, striped fruit..Oz. 50c., .10

Apple-Shaped. Small fruit, striped yellow and
green.....Oz. 50c., .10

Bottle-Shaped. Fruit yellowish-white, dark green
circles.....Oz. 50c., .10

Calabash. The stem ends of the fruits are used
for making pipes.....Oz. 50c., .10

Dishcloth (*Chinese Luffa*, or *Sponge Gourd*).
Oz. 50c., .10

Hercules' Club. Long green fruitsOz. 50c., .10

All Varieties Mixed.....Oz. 50c., .10

HUMULUS japonicus (*Japanese Hop*). Rapid
growing annual climber, green foliage. $\frac{1}{4}$ oz. 25c., .15

japonicus variegatus. Variegated foliage.....
 $\frac{1}{4}$ oz. 25c., .15

Ipomœa

purpurea (*Convolvulus major*), (*Morning Glory*).
Strong annual climbers of easy culture. Choice
Mixed.....Oz. 25c., .10

imperialis (*Japanese Morning Glory*). The flow-
ers are very large and of great variety of colors.
Choice Mixed.....Oz. 50c., .10

Bona Nox (*Evening Glory*). Large, blue flowers
open in the evening.....Oz. 60c., .10

coccinea. Bright scarlet flowers.....Oz. 50c., .10

noctiflora alba (*Moonflower*). Rapid climber
with fragrant white flowers.....Oz. \$1.00, .10

Heavenly Blue. Immense flowers of bright sky-
blue..... $\frac{1}{4}$ oz. 50c., .15

setosa (*Brazilian Morning Glory*). Bright, rose-
colored flowers, large leaves.....Oz. \$1.00, .10

KENILWORTH IVY (*Linaria Cymbalaria*). A
perennial trailing plant with violet flowers, use-
ful for hanging baskets, etc......15



CLIMBERS—Continued

	Pkt.
LOPHOSPERMUM scandens. Large pink flowers.	\$0.15
MAURANDIA Barclayana. Greenhouse perennial climber with tube-shaped purple flowers.....	.20
MINA lobata. The buds are orange-red, changing to creamy white when fully expanded. Half-hardy annual.....	.15
PASSIFLORA cærulea (Passion Flower). Greenhouse perennial climber with exquisite blue flowers.....	.20
THUNBERGIA. Half-hardy annual, suitable for hanging baskets, window boxes, etc. Mixed colors.....	.15
TROPÆOLUM canariense (Canary Creeper). Half-hardy annual with bright yellow flowers. Oz. 60c.,	.10

Perennials and Biennials

	Pkt.
ACANTHUS mollis. Stately hardy plant with large, decorative leaves, flowers white, July and August. 3 ft.....	\$0.15
ACHILLEA Ptarmica, "The Pearl." Valuable perennial, blooming all Summer; pure white clusters of flowers on long stems. 1½ ft.....	.25
	1 oz. \$1.50,
ACONITUM Napellus (Monkshood). Dark blue flowers, August and September. 3 ft. 1/8 oz. 75c.,	.15
Wilsonii. Light blue flowers in large trusses, very late. 4 ft.....	.35
ADONIS vernalis (Ox-Eye). Bright yellow, Spring-blooming. 1 ft.....	.15
ALYSSUM saxatile compactum (Gold Dust). Valuable Spring flowering perennial of spreading growth, bearing a profusion of bright yellow flowers. 9 in.....	1/8 oz. 35c., .10
ANCHUSA italica, "Dropmore Variety." An improved type, vigorous plant with large flowers of a beautiful shade of gentian blue. June to September. 1½ ft.....	1/8 oz. 50c., .20
ANEMONE japonica. Hardy perennial with large, cup-shaped white flowers. 1 ft.....	.15
ANTHEMIS tinctoria Kelwayi. Improved strain, with bright yellow, Daisy-like flowers. June to September. 1½ ft.....	.15

Aquilegia (Columbine)

Mrs. Scott Elliott's Long-Spurred Hybrids. Magnificent hybrids in the greatest variety of colors and shades. One of the finest strains.	Pkt.
2 ft.....	1/8 oz. \$1.50, \$0.50
chrysantha. Golden yellow. 3 ft.....	1/8 oz. 75c., .15
chrysantha alba. Pure white. 3 ft.....	1/8 oz. \$1.00, .25
cærulea. Pale blue and white flowers. 3 ft.	1/8 oz. \$1.50, .25
Skinneri (Mexican Columbine). Scarlet and yellow flowers, long spurs. 2½ ft.....	1/8 oz. \$1.00, .25
ARABIS alpina (Rock Cress). Hardy, early blooming perennial with pure white flowers, most useful for rockeries or edging. 6 in.....	.10
ASTERS (Michaelmas Daisy). Showy, hardy perennials and if sown in early Spring will bloom the same year.	
Choice Mixed Colors.....	.20



Aubrietia

Strong, Spring flowering plants, suitable for rockeries.
4 inches. Pkt.

purpurea. Deep purple.....\$0.25

deltoides. Lilac, very pretty......25

Leichtlinii. Rosy-red, a charming variety..... .25

AURICULA (*Primula auricula*). Early flowering
garden Primroses, beautiful shades of color.
6 in. Fine mixed..... .25

BAPTISIA australis (False Indigo). Vigorous plant
with spikes of pea-shaped blue flowers. 6 in. in
length. June and July. 2½ ft..... .10

BOCCONIA japonica (Plume Poppy). Ornamental
hardy perennial, fine in large beds; flowers
white. July and August. 6 ft..... .10

BOLTONIA asteroides. Showy perennials, closely
resembling the Hardy Asters, flowers pure white.
August and September. 6 ft..... .25

BOLTONIA latisquama. Flowers pink, tinged with
lavender; very fine. August and September.
5 ft..... .25

Bellis perennis fl. pl. (English Daisy)

Pkt.
Giant Dark Rose 1/8 oz. \$1.25, \$0.25
Giant White 1/8 oz. \$1.25, .25
Giant Mixed 1/8 oz. \$1.25, .25

Campanula (Bell Flower)

Popular and beautiful plants with large, bell-shaped
flowers of exquisite colors.

Perennial Varieties

Pkt.
carpatica. Dwarf, compact variety, flowers clear
blue, fine for rockeries and edgings. 8 in.....\$0.15
alba. Dwarf, pure white..... .15
grandis. Large blue, suitable for shady places..... .25
nobilis. Long, light purplish flowers. July. 2 ft.. .25
persicifolia grandiflora, Blue. Large, bright
flowers; one of the finest. June and July. 2 ft. .25
grandiflora alba. Snow-white flowers..... .25
pyramidalis (Chimney Bell Flower). Stately
plants, producing large, blue flowers, for garden
or pot culture. 4 ft..... .20
alba. Pure white, form of the above..... .20

Canterbury Bells (*Campanula media*)

Well-known biennials, bearing a profusion of bell-
shaped flowers, very effective for borders and pot culture.

Single Blue
Single Rose

Single Lilac
Single White

Single Mixed

Each, pkt. 10c., 1/4 oz. 60c.

Double Blue
Double White

Double Rose
Double Mixed

Each, pkt. 15c., 1/4 oz. \$1.00.

Cup and Saucer Varieties

(*Campanula calycanthemata*)

Large, semi-double flowers, resembling a cup and
saucer.

Blue
Rose

Choice Mixed

Each, pkt. 15c., 1/8 oz. \$1.00.

Lilac
White

Candytuft (*Iberis sempervirens*)

Early blooming hardy perennials, valuable for rock ledges, borders, banks, etc. Pkt.

sempervirens. Pure white flowers and deep green evergreen foliage. 1 ft. ¼ oz. \$1.25, \$0.20

gibraltarica. White, shaded with pink. 1/8 oz. 75c., .25

Hardy Carnations

Highly esteemed and beautiful plants, blooming profusely during May and June, excellent for cutting. 1-2 ft. Pkt.

Grenadin. Double scarlet. \$0.25

Grenadin. Double white.25

plumarius. Single mixed.20

Double mixed.25

scoticus (Paisley Pink). Valuable for borders and

for Winter forcing.50

Giant Nice. Superb double flowers, sweet-scented. . . .25

Giant Marguerite Carnations

A beautiful race with fringed double flowers, blooming within six months from time of sowing.

Red

White

Yellow

Choice Mixed

Each, pkt. 25c.

CATANANCHE cærulea. Beautiful blue flowers. Pkt. June to August. 2 ft. \$0.15

CENTAUREA montana, Blue. Large, deep-purple flowers. July and August. 2 ft.15

montana alba. Pure white.20

CERASTIUM tomentosum (Snow in Summer).

Pretty silver-leaved trailing perennial, valuable for edgings and rockeries. 4 in.20

CHEIRANTHUS Allioni (Siberian Wallflower).

Showy rock plants with bright orange flowers blooming all Summer. 1 ft.25

Chrysanthemum

maximum (Shasta Daisy). Large, free blooming variety, flowers white. 2 ft.15

maximum King Edward VII. Pure white, yellow center, very handsome. 3 ft.25

Coreopsis (*Perennial Calliopsis*)

One of our finest hardy perennials, blooming practically all Summer. Fine for bouquets. Pkt.

grandiflora. Large, rich yellow flowers. . . ¼ oz. 50c., \$0.10

lanceolata. Rich golden yellow flowers. 1/4 oz. 60c., .15

COWSLIP (*Primula officinalis hybrida*). Popular

Spring-flowering plants, adapted to shady places.

6 in.

Choice Mixed25

Delphinium (*Perennial Larkspur*)

Great improvements have been made of late years among these charming perennials, no other plants can equal them in variety and beauty of their blue tints.

Kelway's Show. The seed we offer has been saved by Messrs. Kelway from their celebrated collection of named varieties. \$0.50

Bella Donna. Enormous spikes of large single flowers of a clear turquoise blue. 4 ft. . . 1/8 oz. \$1.25, .25



DELPHINIUM—Continued.

Belladonna, Cliveden Beauty.	An improved and Pkt. beautiful variety with long spikes of large, sky- blue flowers. 4 ft.....	\$0.50
Belladonna, Fanny Stormonth.	New light azure blue, very large.....	.50
formosum.	Rich dark blue with white eye. 3 ft ¼ oz. \$1.00.	.15
Rev. E. Lascelles.	Flowers large and double. Deep blue with white center.....	.50
Zalil.	Long spikes of yellow flowers. 2 ft.....	.25
DICTAMNUS fraxinella (Gas Plant).	Hardy perennial with handsome spikes of reddish flow- ers. 3 ft.....	.10

Digitalis (Foxglove)

The tall flower spikes of these popular perennials are particularly handsome, when grown among shrubbery.

	Pkt.	
gloxinioides.	Purple..... ¼ oz. 50c.,	\$0.10
Rose.....	¼ oz. 50c.,	.10
White.....	¼ oz. 50c.,	.10
Mixed.....	¼ oz. 50c.,	.10
ECHINOPS Ritro.	A hardy perennial with blue, thistle-like flowers; fine for bees. 3 ft.....	.15
EDELWEISS (Gnaphalium Leontopodium).	The interesting white-leaved plant so eagerly sought by tourists in the Swiss Alps. 6 in.....	.25
EREMURUS robustus.	Stately plants with long spikes of flesh-pink flowers. 8 ft.....	.25
ERIGERON speciosus.	Pale mauve flowers, gold centers. 1½ ft.....	.10
ERYNGIUM giganteum (Silver Thistle).	Orna- mental hardy perennial, blue flowers, 4 ft.....	.25
EUPATORIUM Fraseri.	Hardy perennial with clusters of white flowers; fine for cutting. 2 ft.....	.15
FORGET-ME-NOT.	See MYOSOTIS , page 47.	
FOXGLOVE.	See DIGITALIS , above.	

Gaillardia

Kelway's Hybrids.	An improved strain producing Pkt. enormous flowers. Choice mixed hybrids.....	\$0.50
grandiflora.	Large, pure yellow flowers. ¼ oz. 40c., For annual GAILLARDIAS , see page 30.	.10
GENTIANA acaulis (Blue Gentian).	Intense blue bell-shaped flowers, suited to moist and shady situations. 6 in.....	.15

Geum

coccineum fl. pl., Mrs. J. Bradshaw.	Handsome Pkt. variety with large, double bright scarlet flowers in bloom all Summer. 1½ ft.....	\$0.25
Lady Stratheden.	Rich golden yellow, a counter- part in all other respects to Mrs. Bradshaw.....	.50
GILIA coronopifolia.	Fine biennial with a striking spike of scarlet flowers about 1 ft. long. 4 ft.....	.25
GYPSOPHILA paniculata.	Small, white flowers, fine for bouquets. 2 ft..... ¼ oz. 40c.,	.10
paniculata fl. pl. "Snow White."	Pure white, producing a larger percentage of double flowers than the old type.....	.50

Grasses, Ornamental

ARUNDO Donax (Giant Reed). Tall variety with Pkt. green leaves. 15 ft.....	\$0.10
ERIANTHUS Ravennæ (Plume Grass). Fine sil- very plumes. 8 ft.....	.10
EULALIA japonica . Long, dark-green leaves. 6 ft.....	.15
EULALIA zebrina (Zebra Grass). Dark green leaves, barred with creamy white.....	.15
GYNERIUM argenteum (Pampas Grass). Long silvery plumes. 10 ft.....	.15

For Annual Varieties, see page 31.

HELENIUM autumnale superbum . Late flow- ering, hardy perennials, broad heads of golden yellow flowers. 5 ft.....	.15
Bigelow . Rich yellow with brown disc. 4 ft....	.20
Riverton Gem . A fine variety, flowers open- ing old gold, changing as they mature to Wall- flower red. 3 ft.....	.25
HEUCHERA sanguinea . Charming, dwarf hardy perennial with spikes of coral red flowers. July and August. 1 ft.....	.25
HELIOTROPE . These favorite greenhouse and bed- ding plants are highly valued for their sweet scented flowers. 1½ ft.	
Lemoine's Giant Mixed.....	.25
HIBISCUS moscheutos (Swamp Mallow). Strik- ing plants producing flowers like single Hollyhocks but much larger; excellent for moist situations. July to September. 4 ft.	
albus . Pure white.....	.15
roseus . Pink.....	.20

Hollyhock

These showy, hardy biennials are universally esteemed and present an imposing appearance, either as single specimens or as a background for other plants. Pkt.

Chater's Double . Crimson.....	¼ oz. \$1.00	\$0.15
Rose.....	¼ oz. \$1.00.	.15
Salmon Rose.....	¼ oz. \$1.00,	.15
Sulphur Yellow.....	¼ oz. \$1.00,	.15
Maroon.....	¼ oz. \$1.00,	.15
White.....	¼ oz. \$1.00,	.15
Mixed.....	¼ oz. \$1.00,	.15

Giant Single Hollyhocks

Single Hollyhocks are deservedly increasing in popularity, and are well worthy of more extensive cultivation. They are of freer growth than the double varieties and present a very striking appearance. The seed we offer has been saved from a noted collection and will produce plants with extra large flowers in a great variety of colors. Pkt.

Giant Single Mixed	¼ oz. 50c.,	\$0.10
HONESTY (Lunaria biennis). Hardy biennial with silvery seed vessels, valuable for Winter dec- orations. 2 ft.....		.15
INCARVILLEA Delavayi . A handsome perennial which succeeds well in borders and is equally valuable for greenhouse decoration. Large, rich rose Begonia-like flowers with deep yellow throats produced all through the Summer. 2½ ft.....		.25



LATHYRUS latifolius (Perennial Pea). Beautiful Pkt.
hardy perennial climbers of rapid growth.
Choice Mixed Colors.....Oz. \$1.00,\$0.10

LAVENDER (*Lavendula vera*). Ornamental plant
bearing long spikes of fragrant blue flowers.
1½ ft..... .15

LEMON VERBENA (*Aloysia citriodora*). Tender
perennials with fragrant evergreen leaves..... .15

LINUM flavum. Golden yellow. 1 ft..... .15
perenne. Blue. 1½ ft..... .10
perenne. White. 1½ ft..... .10

LOBELIA cardinalis (Cardinal Flower). Succeeds
best in moist situations, flowers scarlet. August
to October. 2 ft..... .25

Lobelia Tupa. An excellent vigorous growing vari-
ety, producing large spikes of rich crimson
flowers. 3 to 4 ft..... .25

Lupinus (Lupins)

Hardy and effective Spring flowering plants, with long
spikes of Pea-shaped flowers. Pkt.

polyphyllus, Blue.....Oz. 75c. \$0.10

Rose.....¼ oz. 50c., .15

White.....Oz. 75c., .10

Moerheimi. A beautiful variety of rather dwarf
habit, long spikes of pink and white flowers..... .25

Choice Mixed.....Oz. 75c., .10

For annual Lupins, see page 32.

Lychnis

Handsome, hardy perennials with brilliantly colored
flowers. Excellent for borders. Pkt.

Arkwrightii. Handsome new hybrids, including
many distinct and attractive shades of color.....\$0.25

chalcidonica. Scarlet. 2 ft..... .15

White. 2 ft..... .15

Haageana Hybrids Mixed. Large flowering
type, many fine colors. 2 ft..... .15

LYTHRUM roseum superbum. Erect spikes of
rose-colored flowers. July to September. 4 ft.. .15

MECONOPSIS cambrica (The Yellow Welsh
Poppy). Showy variety with pale yellow flowers,
fine for rockwork..... .50

MIMULUS cardinalis. Large scarlet flowers.
1 ft..... .20

tigrinus. Tigered and spotted flowers..... .20

moschatus. Yellow, fragrant foliage..... .20

Myosotis (Forget-me-not)

These dainty little flowers love cool, moist soils and
bloom freely in Spring and Fall. They make beautiful
close borders or edgings. Pkt.

alpestris Victoria. Bright blue. 6 in....¼ oz. \$1.25,\$0.15

Victoria. White. 6 in.....¼ oz. \$1.00, .15

Victoria. Rose. 6 in.....¼ oz. \$1.00, .15

Victoria. Indigo blue. 6 in.....¼ oz. \$1.00, .15

dissitiflora. Large rich blue, excellent for pots.
9 in..... .25

hybrida Ruth Fisher. Very large, pale blue flow-
ers. 6 in..... .25

palustris semperflorens. Large blue flowers blooms
from Spring until late in the Autumn. 9 in..... .20

OENOTHERA Fraseri (Evening Primrose). Fine
variety with large yellow flowers. 1½ ft..... .15

Youngii. Showy variety producing bright yellow
flowers the entire Summer. 3 ft..... .15



Choice Pansies in Mixture

Our strains are saved from very choice selections and cannot be surpassed. Pkt.

M.-S. CO.'S GIANT EXHIBITION.		A highly per-
		fectured strain saved only from the largest and best
		shaped flowers, unsurpassed for form and color-
		ings, handsomely marked and of great substance.
	$\frac{1}{8}$ oz.	\$3.00 \$1.00
Bugnot's Superb Blotched.	An exceedingly large	
	three-blotched type with upper petals finely	
	lined.....	
		.25
Masterpiece.	Curled, wavy petals, splendid colors,	
	very distinct.....	
		.35
Triumph of the Giants.	An excellent strain with	
	exceptionally large, beautifully frilled and waved	
	flowers.....	
		.50
Trimardeau, Giant Mixed.	$\frac{1}{4}$ oz.	\$1.50, .20

Giant Pansies in Separate Colors

Cardinal.	Brilliant red, very fine.....	.25
Emperor.	Light blue.....	.25
Golden Gem.	Pure yellow.....	.25
King of the Blacks.	Almost black, very effective...	.25
Lord Beaconsfield.	Purple-violet, shading to light	
	blue.....	.25
Psyche.	Violet, bordered white.....	.25
President Carnot.	Pure white petals with a deep	
	blotch.....	.25
Snow Queen.	Pure satiny white.....	.25
Fairy Queen.	Azure blue, white edge.....	.25
Prince Henry.	Large dark blue.....	.25
Meteor.	Bright terra cotta.....	.25

Giant Early-Flowering Pansies

This remarkable new race of Pansies flowers fully six weeks earlier than the other varieties. Pkt.

Celestial Queen.	Sky blue.....	\$0.25
Ice King.	Silvery white with dark blue eye.....	.25
March Beauty.	Dark velvety purple.....	.25
Winter Sun.	Golden yellow, with dark eye.....	.25

Tufted Pansies (Viola Hybrida)

Valuable bedding plants, blooming profusely from early Spring till late in the Autumn. Pkt.

Ardwell Gem.	Large primrose.....	\$0.20
Firmament.	Sky-blue.....	.20
Purple King.	Purplish-violet.....	.20
Snowdon.	Pure white.....	.20
Lutea grandiflora.	Yellow.....	.20
David Simpson.	Lavender, marbled crimson.....	.20

Horned Violets (Viola Cornuta)

Admiration.	Large, dark blue.....	\$0.20
Mauve Queen.	Reddish-violet.....	.20
Rose Queen.	Rosy-lilac.....	.20
White Perfection.	Pure white.....	.20

PENTSTEMON. Showy, half-hardy perennials producing large spikes of bell-shaped flowers. Large flowering hybrids mixed..... .25

PHLOX decussata. Large heads of finely colored flowers. 3 ft..... .25



Platycodon (Wahlenbergia)

Handsome, hardy perennials, bearing large, bell-shaped flowers in great profusion. May to October. 2 ft. Pkt.

grandiflora. Deep blue.....\$0.15
grandiflora alba. Pure white..... .15

POLEMONIUM cæruleum grandiflorum (Jacob's Ladder). Hardy perennial with clusters of blue flowers. 2 ft..... .10
cæruleum grandiflorum album. Pure white... .15

Polyanthus (Primula elatior)

Fine, Spring blooming hardy perennials desirable for bedding out in Spring or for Winter flowering in the conservatory. Pkt.

Munstead Strain. A magnificent strain, producing wonderful shades of yellow as well as pure white flowers..... .50
Gold Laced. Brilliant colored flowers with distinct yellow edges..... .20
Choice Mixed..... .20

Poppy (Papaver)

Iceland Poppy (Papaver nudicaule)

The delicate form and bright colors of this beautiful class render them very desirable as border plants. 1 ft. Pkt.

Tangerine. New. Beautiful, fiery orange of great size.....\$0.50
Single White **Single Yellow**
Single Orange-Scarlet **Single Mixed**
 Each, pkt. 15c., ¼ oz. \$1.00.

orientale. (Bracteatum) orange-scarlet. ¼ oz. 75c. .15
Mrs. Perry. Beautiful salmon-rose..... .25
Excelsior hybrids..... ¼ oz. \$1.00, .20

POTENTILLA. Very desirable perennials with handsome, brilliant flowers and ornamental foliage. June to August. 2 ft.
Single Mixed Hybrids..... .15
Double Mixed Hybrids..... .25

PRIMROSE (Primula vulgaris).

Dean's Large Flowering Colored Hybrids
Mixed..... .50
Yellow. The yellow English Primrose..... .25

PRIMULA japonica (Japanese Primrose). One of the finest garden Primroses, producing whorls of large flowers on erect stems. 1½ ft.
Choice Mixed Hybrids..... .20

Pyrethrum

Showy, hardy perennials with brilliant and lasting flowers. 2 ft. Pkt.

roseum hybridum. Single Mixed.....\$0.15
hybridum. Double Mixed..... .25
aureum (Golden Feather). Yellow, fern-like leaves, fine for edgings. 6-8 in..... ¼ oz. 35c., .10

REHMANNIA angulata. Splendid half-hardy perennial with Gloxinia-like flowers of rosy purple with yellow throat. Suitable for pot culture or outdoors in sheltered situations. 3 ft... .25

ROMNEYA Coulteri (Giant White Californian Poppy). Beautiful half-hardy perennial, fine, fragrant white flowers. 4 ft..... .25

RUDBECKIA Newmannii. Magnificent golden-yellow flowers with maroon center. 3 ft..... .20



SALVIA Sclarea. An attractive, hardy biennial, Pkt.
with mauve and silvery, leafy spikes of flowers.
2 ft.....\$0.25

SAPONARIA ocymoides splendens. Elegant
trailing perennial with pretty rose-colored flowers
suitable for rockeries..... .15

SCABIOSA caucasica. Large semi-double, pale
lavender flowers; fine for cutting. June to Au-
gust. 2 ft..... .15
caucasica alba. A white form of the above25

STATICE latifolia. Hardy perennial with large,
branching heads of clear mauve flowers. Excel-
lent for borders. 2 ft..... .15

STOKESIA cyanea. Popular perennial with large
lavender-blue flowers; blooms all Summer.
2 ft..... .15

Sweet William (*Dianthus barbatus*)

Splendid, old-fashioned hardy perennial, producing
large heads of beautifully colored sweet-scented flowers.
1½ ft. Pkt.

Single Dark Crimson.....¼ oz. 35c. \$0.10

Single Pink Beauty. Rosy chamoise..¼ oz. \$1.00, .15

Single Scarlet Beauty. Brilliant scarlet. ⅛ oz. 75c., .25

Single Pure White.....¼ oz. 35c., .10

Holborn Glory. A large-flowered selection of
the Auricula-eyed type, the individual flowers
and trusses are of extraordinary size, while the
range of the color is superb.....¼ oz. 75c., .15
Double Mixed.....¼ oz. 75c., .15

THALICTRUM adiantifolium. Hardy plant with
elegant foliage resembling that of the Maiden-
hair fern, admirable for bouquets. 1 ft..... .20

diptercarpum. Graceful species with pretty
rosy-purple flowers. 2 ft..... .25

TROLLIUS europæus. Large flowered variety of
the Buttercup, bright yellow globular flowers.
2 ft..... .20

VALERIAN, Red. Showy, hardy perennials, admir-
able for wild gardens and rockwork. 2 ft..... .15

White. A white form of the above..... .15

VERBASCUM, Harkness Hybrids. Immense
spikes, well furnished with large, pure yellow
flowers during the whole Summer. Hardy
perennial. 5 ft..... .25

Veronica

Hardy perennial herbaceous plants of pyramidal habit.
1½ ft. Pkt.

longifolia. Long spikes of rich blue flowers.....\$0.15

spicata. Bright blue flowers..... .20

Wallflower

Half-hardy perennials of delightful fragrance, bearing in
Spring and early Summer long spikes of bright flowers.

Pkt.

Single Blood Red.....¼ oz. 50c. \$0.10

Single Cranford Beauty. Rich golden.¼ oz. 50c., .10

Single Harbinger. Light brown.....¼ oz. 50c., .10

Single Vulcan. Compact variety with immense
deep blood red flowers.....¼ oz. 50c., .10

Choice Single Mixed.....¼ oz. 40c., .10

Choice Double Mixed.....¼ oz. \$1.50, .25

For Perennial Plants, see separate catalogue.



Gladioli

Special and Newer Varieties

Captain Fryatt. Princeps type, four flow- ers open at one time, clear red with maroon and yellow throat.....	Doz.	100	\$3.00	\$22.00
Early Sunrise. The earliest large flowering Gladiolus, five and six flowers at one time. Reddish salmon, with white feathery mark- ings. An extra fine variety.....			3.00	22.00
Le Marechal Foch. A most desirable early flowering variety, with immense flowers of soft light pink.....			2.25	15.00
Liddy. Pure white with small creamy throat. Considered the whitest variety in existence, medium sized flowers.....			8.00	60.00
Oiseau Bleu. The only real blue Gladiolus. The flowers are large, of the finest form and well placed on the spike. A distinctive variety which is sure to become popular..			4.50	35.00
Vesuvius. Glowing deep scarlet with very fine markings in throat; full open trumpet flowers on well formed spikes. One of the finest scarlet varieties.....			3.50	25.00

Choice Named Gladioli

Pink Varieties

America. Beautiful flesh-pink.....	.60	4.00
Pink Perfection. True La France pink. Large, open flowers on a long spike.....	2.25	15.00
Delice. Clear, dainty pink, self-colored....	1.25	8.00
Mrs. Francis King. Beautiful flame pink...	.80	5.00
Mrs. Dr. Norton. A pure, soft white with tips of petals suffused La France pink....	2.75	20.00
Myrtle. Delicate rose-pink with throat tinted primrose and white.....	2.75	20.00
Wilbrink. Immense blooms of a beautiful flesh pink on a graceful spike.....	1.50	10.00

Salmon-Pink Varieties

Dawn (Tracy's). The most beautiful coral- pink Gladiolus ever offered. A long, grace- ful spike of magnificently formed flowers.	2.25	16.00
Daybreak. A charming light pink with blazed white throat.....	3.50	25.00
Halley. A beautiful early blooming sort with large, well-opened flowers of delicate salmon-pink.....	.60	4.00
Prince of Wales. A clear grenadine pink with throat markings of a deeper tone, tips of petals, shaded apricot buff.....	2.00	14.00

Rose-Pink Varieties

Gretchen Zang. Tall, graceful spike of soft pleasing shade of geranium pink.....	1.75	12.00
Independence. Brilliant Begonia pink with richly marked throat.....	.80	5.50
Panama. A perfect hermosa pink with large, wide open wax-like flowers.....	1.25	8.00
Evelyn Kirtland. Charming rose-pink....	1.75	12.00

White Varieties

Albania. Pure white, with edge of petals daintily ruffled; faint pink markings on tips of petals.....	10.00	
Chicago White. A fine white variety with lavender stripes on lower petals.....	1.00	6.50
Lily Lehman. Pure glistening white with just a tinting of pink on tips of petals....	1.75	12.00
Glory of Holland. Fine white with delicate lavender anthers.....	1.25	8.00
Peace. Large white flowers with pale violet feathering on interior petals.....	1.00	7.00



GLADIOLI—Continued

Red Varieties

A. W. Clifford.	Intense rich carmine red	Doz.	100
	pointed ruffled petals. One of the best reds.	\$2.25	\$16.00
Crimson Glow.	A perfect scarlet of a deep tone. One of the most beautiful red Gladiolus.	3.50	25.00
Harvard.	A perfect Harvard crimson. Long, graceful spikes of large open flowers.	1.50	10.00
Mrs. Watt.	Glowing "American Beauty" shade. Spike very erect, and not too stiff. Distinct variety.	1.25	8.00
Mrs. Beecher.	Deep rosy-carmine with white throat.	1.25	8.00
Empress of India.	Rich dark red, a rare and beautiful color.	1.25	8.00
Princeps.	Large, Amaryllis-like flower of a rich dark scarlet marked with white on the lower petals.	1.50	10.00
War.	Deep blood red, shaded crimson-black.	1.25	10.00

Buff Varieties

Mrs. A. C. Beal.	Clear buff yellow with distinct tongue of scarlet on lower petals.	2.75	20.00
Niagara.	Creamy yellow, throat shaded deeper. One of the best.	1.25	8.00
Loveliness.	Cream tinted sulfrano pink, very soft and delicate.	2.25	18.00

Yellow Varieties

Golden West.	Clear orange-scarlet, the lower petals blazed with golden yellow, faintly suffused with violet shadings. One of the best exhibition varieties.	2.25	18.00
Flora.	Beautiful golden yellow, large flowers of fine form.	2.75	20.00
Golden King.	Brilliant golden yellow, with crimson blotch in throat.	1.25	8.00
Isaac Buchanan.	A fine yellow. All flowers open at one time; of dwarf habit.	1.50	10.00
Klondike.	Primrose yellow with crimson blotch.	.80	5.00
Schwaben.	Clear citron-yellow with carmine blotch in the throat. The largest and strongest yellow Gladiolus.	1.25	8.00
Yellow Prince.	Fine clear yellow.	2.25	16.00

Lavender Varieties

Blue Jay.	Light grayish-blue with a red stripe on the tongue of the lower petals.	3.50	25.00
Conspicuous.	Beautiful gray-blue, with darker throat markings and a fine penciling of yellow. Very attractive.	2.00	15.00
Iris Spray.	Clear Iris-gray, with distinct purple spot on interior petals. A pansy flowered variety of great charm.	5.00	40.00
Hortense.	Rich Fuschsia mauve in color, large open flowers of great substance.	5.00	40.00
Mary Fennell.	Beautiful light lavender flowers on a tall slender spike, lower petals penciled with primrose yellow.	2.00	15.00
Nora.	Beautiful lavender blue with darker spot on lower petals.	3.50	25.00
Scarsdale.	Large pink-lavender colored flowers.	1.25	8.00



GLADIOLI—Continued

Purple Varieties

	Doz.	100
Baron Joseph Hulot. Deep violet blue.....	\$1.75	\$12.00
Mystery. A superb dark reddish purple, graceful spike, very effective.....	5.00	40.00
Purple Glory. Dark velvety maroon with touches of black on edges of petals.		
Each \$1.50.....	15.00	

Blotched Varieties

Mrs. Frank Pendleton. A spectacular variety producing large, light-pink flowers heavily blotched with blood red in throat...	1.25	8.00
Rouge Torch. Large creamy white flowers with a rouge torch-like tongue on interior petals, making a very striking contrast.....	1.25	8.00
Willy Wigman. Blush white with long, bright blotch on lower petals, a most attractive variety.....	1.00	6.00

Persian Colors

Amethyst. A strong, open flower of a deep amethyst color, slightly suffused rose.....	4.50	35.00
Prince of India. Dull old rose, suffused and streaked with purple. A unique and attractive variety.....	4.50	35.00

Primulinus Hybrids

Primulinus Hybrids are distinguished mainly for their fine and various shades of yellow, orange, and saffron tones. The flowers are borne on graceful stems and when cut are of splendid decorative value.

	Doz.	100
Alice Tiplady. A beautiful orange-saffron. In color, texture, and contour, nothing surpasses this variety.....	\$1.75	\$12.00
Angola. Salmon-pink on long stalk.....	1.75	12.00
Dexter. Purest blush pink tinted rose, throat cream yellow with no markings.....	2.75	20.00
Gold Drop. Large deep yellow with red line on petals.....	2.25	16.00
Maiden's Blush. Enchantress-pink flowers on stiff, slender stalk. The most beautiful pink variety.....	1.75	12.00
Midsummer Dream. Splendid deep geranium-rose flowers on graceful spikes.....	3.25	24.00
Orange Brilliant. Brilliant orange; early..	1.25	8.00
Primunella. Wide open butterfly blooms of softest rose-pink with clear, cream throat. One of the best.....	5.00	40.00
Regulus. Soft rose-pink.....	2.25	16.00
Roanoke. Splendid rich yellow, with crimson lines in throat.....	1.75	12.00
Rosandra. Color old rose; a handsome new Primulinus Hybrid. Large flowers of fine form on graceful spikes. A distinct color.	1.50	10.00
Simplicity. Soft creamy yellow, suffused salmon.....	2.75	20.00
Souvenir (New). Pure canary-yellow; the finest yellow Primulinus; flowers exceptionally large. This variety is sure to become popular when better known.....	4.00	30.00
Primulinus Species. Small flowers of a Primrose yellow; fine for Perennial Borders.	1.25	9.00

PRIMULINUS SELECTED HYBRIDS. A very select mixture comprising all of the choicest varieties. Highly recommended for forcing.
Doz. \$1.50, 100 \$10.00.

Dahlias

NOVELTIES AND NEW VARIETIES

	Tubers Each	Plants Each
Jersey's Beauty (Waite). Decorative. Very fine true pink, flowers of perfect shape, produced on long, stiff stems. Certificate A. D. S., 1923.....	\$25.00	\$10.00
Jersey's Emperor (Waite). Decorative. Dark maroon, flowers of good size on good stems.....	10.00	5.00
Jersey's Gem (Waite). Decorative. Lavender-pink, large flowers on very long, stiff stems. Certificate A. D. S., 1923.....	10.00	5.00
Jersey's Jewel (Waite). Decorative. Mallow-pink, very large, long-petaled flowers, on good stems. Certificate A. D. S., 1923.....	10.00	5.00
Jersey's King (Waite). Decorative. Be- gonia-rose, large, broad-petaled flowers, produced freely. Certificate A. D. S., 1922.....	5.00	2.50
Jersey's Pride (Waite). Hybrid Decora- tive. Buff-yellow and pink, large flowers on good stems. Certificate A. D. S., 1921.	5.00	2.50
Jersey's Radiant (Waite). Hybrid Cactus. Bittersweet-orange, large flowers pro- duced on long, stiff stems. Very attrac- tive. Certificate A. D. S. 1923.....	10.00	5.00
Jersey's Rose (Waite). Decorative. Cerise, very fine free blooming variety, flowers large, on stiff stems.....	10.00	5.00
Francis Lobdell (Waite). Hybrid Cactus. Mallow-pink, shading to white in center. Stiff, low growing habit. Certificate A. D. S., 1922.....	10.00	5.00
Rumson (Waite). Decorative. Soft apri- cot, medium sized flowers, splendid cut flower variety.....	5.00	2.50
Violetta (Waite). Hybrid Cactus. Pe- tunia-violet, considered the best in its class.....	10.00	5.00

CHOICE VARIETIES OF RECENT INTRODUCTION

	Tubers Each	Plants Each
Agnes Haviland (Marean). Decorative. Rose-pink, long stems.....	\$3.00	\$1.50
Alex. Waldie (Broomall). Hybrid Cactus. Creamy ground, overlaid delicate pink..	5.00	2.50
Ambassador (Broomall). Cactus. Soft yellow-buff, shaded salmon-pink, the best Cactus ever introduced.....	10.00	5.00
Amun-Ra (Seal). Decorative. A glorified coppery-bronze.....	5.00	2.50
California Superba (Bessie Boston). Dec- orative. Delicate pink.....	5.00	2.50
Charm (Marean). Decorative. Burnt or- ange, shading yellow.....	3.00	1.50
Earl Williams (Doolittle). Decorative. Variegated red and white.....	5.00	2.50
Gladys Sherwood (Cactus). Immense cream-white, the large flowers are held erect on stiff stems.....	2.50	
Insulinde (Hornsvilde). Hybrid Deco- rative. Golden-orange, very fine.....	3.00	1.50
Judge Marean (Marean). Decorative. Orange, yellow and gold.....	4.00	2.00
Kitty Dunlap (Bessie Boston). Decora- tive. American Beauty Rose color.....	3.00	1.50
Lady Betty (Marean). Decorative. Creamy-white, pink suffusion.....	3.00	1.50



CHOICE VARIETIES OF RECENT INTRODUCTION

(Continued)

	Tubers Each	Plants Each
Mabel Thatcher (Marean). Decorative. Large, pure yellow.....	\$5.00	\$2.50
Mariposa (Bessie Boston). Hybrid Cactus. Fine pink on good stems.....	5.00	2.50
Mephistopheles (Marean). Hybrid Dec- orative. Vivid scarlet on stout stems..	7.50	4.00
Mrs. Carl Salbach (Decorative). A large flower of lavender-pink, with lighter tints at the base.....	2.50	
Mrs. John T. Scheepers (Marean). Dec- orative. Canary-yellow, pink suffusion.	10.00	5.00
Mrs. I. de ver Warner (Marean). Deco- rative. Cattleya color, very large.....	7.50	4.00
Myra Valentine . Decorative. Golden- bronze, with stems 3 ft. long, which hold the heads of the large flowers erect.....	10.00	
Peg o'Me Heart (Marean). Peony-flow- ered, old rose, shading to yellow.....	2.00	1.00
Red Cross (Anderson). Hybrid Cactus. Red and yellow, splendid flower.....	2.50	1.25
Rookwood (Bessie Boston). Decorative. Fine rose-pink.....	5.00	2.50
Rosa Nell (Broomall). Decorative. American Beauty Rose color.....	3.00	1.50
Rohallion (Waite). Decorative. Buff, amber and yellow.....	5.00	2.50
Shudow's Lavender (Bessie Boston). Decorative. Pale lavender.....	5.00	2.50
The Bashful Giant (Marean). Decorative. Apricot with golden shading; very large.	7.50	4.00
The Emperor (Marean). Decorative. Maroon, very fine.....	7.50	4.00
Tryphinie (Seal). Decorative. Bright shell-pink.....	3.00	1.50
Venus (Marean). Decorative. Creamy white with lavender suffusion.....	2.00	1.00
Wizard of Oz (Doolittle). Decorative. Large amber-pink.....	10.00	5.00

SELECT LIST OF STANDARD VARIETIES

CACTUS DAHLIAS (Strong Tubers)

	Each	Doz.
Attraction . Hybrid Cactus. A beautiful variety, with gracefully arranged twisted petals of a soft silvery mauve-rose color, with white suffusion.....	\$0.75	\$7.50
Bianca . A beautiful rose-lilac, with a shading of white, and a blending of yellow at base of each petal.....	.75	7.50
Countess of Lonsdale . A well-known and desirable variety. The color is a rich salmon tinted apricot.....	.35	3.50
Country Girl . Deep golden-yellow, bright amber tips.....	.25	2.50
Crystal . Silvery-pink, flower of large size.	.65	6.50
F. W. Fellows . Bright orange-scarlet, one of the best Cactus varieties.....	1.00	10.00
Golden Gate . A charming variety of true Cactus type. The color is pure golden- yellow, shading to old gold.....	.35	3.50
Geo. Walters . Hybrid Cactus. Beautiful large, full flowers, with long, straight pet- als. The color is salmon-rose shaded silvery-pink.....	1.00	10.00
J. H. Jackson . The finest black Cactus.	.35	3.50
Kalif . A majestic flower, frequently measuring 9 in. in diameter, of perfect Cactus form; color a pure scarlet.....	.85	8.50
Storm King . A large, bold white flower..	.25	2.50
Wodan . Delicate salmon-rose shading to old gold in the center.....	.35	3.50



DECORATIVE DAHLIAS (Strong Tubers)

	Each	Doz.
Delice. Large flower of beautiful form, bright pink, suffused with lavender.....	\$0.30	\$3.00
D. M. Moore. Rich, deep velvety-maroon, large flower.....	.35	3.50
Golden West. Magnificent, compact flowers of a bright, clear canary-yellow, with lacinated petals.....	.50	5.00
Great Britain. Deep mauve or lilac, large flower, fine for cutting.....	1.00	10.00
Hortulanus Fiet. The most delicate shade of shrimp-pink, the tip of each petal barely touched with gold.....	1.00	10.00
Jack Rose. The identical shade of the Rose with the same name, erect stems, early flowering.....	.25	2.50
King of the Autumn. Buff-yellow, suffused with terra cotta, one of the best...	.75	7.50
Le Grand Manitou. The color of this superb variety is very attractive; white, more or less striped with violet-red, and occasionally bears flowers of a solid violet	.35	3.50
Oregon Beauty. Intense oriental-red, with golden sheen and garnet suffusion. A gorgeous variety that stands out.....	.35	3.50
Princess Juliana. Pure white, well formed flowers on long stems.....	.25	2.50
Pride of California. Brilliant, glowing cardinal-red, one of the best of its color..	1.50	
Patrick O'Mara. Soft orange-buff, slightly tinged with Neyron Rose; large flowers on long stems.....	2.00	

PEONY-FLOWERED DAHLIAS (Strong Tubers)

	Each	Doz.
Bertha Von Suttner. Salmon-pink, shaded yellow. Large flower, held erect on long, stiff stems.....	\$0.75	\$7.50
Caecilia. Creamy-white, very large, a splendid variety.....	.35	3.50
Cardinal. Rich deep maroon-purple; one of the best of its color.....	.75	7.50
Dr. Peary. Dark, velvety mahogany-red, the finest dark Peony flowered Dahlia...	.75	7.50
Duchess of Brunswick. Distinct shade of bright apricot-red, shaded orange....	.50	5.00
Geisha. Brilliant scarlet and gold, very attractive variety.....	1.00	10.00
H. J. Lovinck. White, shaded lilac, fine form on long stems; a large and beautiful Dahlia.....	.35	3.50
Latona. A buff-yellow, semi-double flower, very attractive.....	.75	7.50
Queen Wilhelmina. An immense flower of purest glistening white.....	.35	3.50
Salvator. Deep rose-pink, long stems....	.50	5.00

POMPON DAHLIAS (Strong Tubers)

	Each	Doz.
Amber Queen. Clear amber, shaded apricot	\$0.25	\$2.50
Allewine. Lavender-pink.....	.25	2.50
Belle of Springfield. Bright rich red...	.35	3.50
Catherine. Fine pure yellow.....	.25	2.50
Darkest of All. Maroon, almost black..	.25	2.50
Snowclad. Pure white on long stems....	.25	2.50

	Each	Doz.
SINGLE DAHLIAS (Strong Tubers)		
Eckford Century. White and crimson..	\$0.25	\$2.50
Frigola. Blood-red, white tips.....	.35	3.50
Miss Emma. Rich red, and golden yellow.	.25	2.50
Rose Pink Century. Pink, very fine...	.25	2.50
Scarlet Century. Scarlet.....	.25	2.50
Yellow Century. Canary-yellow.....	.35	3.50
Tango Century. Bronze, large flower...	.50	5.00
Rhode Island. Fine, large white.....	.50	5.00



Hardy Lilies

(Prices subject to change).

	Doz.	100
Auratum (The Golden-rayed Lily of Japan). Pure white, thickly studded with crimson spots, and a clear, golden band through the center of each petal. Jumbo Bulbs, 11 to 13 in.....	\$6.50	\$50.00
Mammoth Bulbs, 9-11 in.....	5.00	40.00
Speciosum album. Pure white, Jumbo Bulbs, 11-13 in.....	6.50	50.00
Mammoth Bulbs, 9-11 in.....	5.00	40.00
Speciosum magnificum. White, spotted and bordered with deep pinkish crimson, superior to rubrum, roseum or Melpomene. Jumbo Bulbs, 11-13 in.....	6.50	50.00
Mammoth Bulbs, 9-11 in.....	5.00	40.00
Henryi (The Yellow Speciosum). Rich, golden yellow, lightly spotted with brown. Mammoth Bulbs.....	6.50	50.00
Myriophyllum. Flowers white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center. Sweet-scented, absolutely hardy and excellent for forcing. Extra large bulbs.....	10.00	75.00
Batemanni. Reddish-orange.....	3.00	24.00
Canadense. Bell-shaped blossoms, bright yellow with red stripes.....	2.00	15.00
Canadense rubrum. Crimson, with dark spots.....	3.25	25.00
Davuricum. Scarlet flowers, dotted black..	1.75	12.00
Elegans, Leonard Joerg. Rich, apricot-spotted.....	2.50	20.00
Hansonii. Reddish-orange flowers, eight to twelve in a cluster.....	7.00	55.00
Pardalinum (Leopard Lily). Scarlet and yellow, spotted rich brown.....	2.50	20.00
Superbum. Bright orange, tipped red, spotted flowers.....	2.00	15.00
Tigrinum splendens. Orange, spotted black.....	2.50	20.00
Tigrinum splendens. Double.....	2.50	20.00

Liliums from Cold Storage

Write for prices.

Lily of the Valley Pips (Cold Storage)

(Will bloom in 21 days after planting)

We make a specialty of Lily of the Valley; the grade we handle is the very best that can be procured and we are constantly receiving testimonials as to its superior quality. Place your orders now, for present and future deliveries.

Selected Pips. . . . Case of 250, \$15.00; case of 500, \$28.00

Lily of the Valley Clumps Doz. 100

Large clumps for outside planting..... \$5.00 \$40.00

CALLA Elliottiana (Yellow Calla). Flowers deep yellow, spotted leaves..... 5.00 35.00

DIELYTRA spectabilis (Bleeding Heart). Strong clumps..... 7.50 60.00

Montbretias Doz. 100

George Davison. Large orange yellow..... \$1.50 \$10.00

Golden West. Pure golden yellow..... 1.50 10.00

Fire King. Glowing crimson scarlet..... 1.50 10.00

Hereward. Pure yellow, reverse of petals orange..... 1.50 10.00

TUBEROSES, Excelsior Double Pearl. Mammoth Bulbs..... 1.25 8.00



Large Flowering Cannas (Dormant Roots)

	Doz.	100
Cheerfulness. Deep orange flowers with golden edge and center; a striking variety. 3½ ft.....	\$2.25	\$15.00
City of Portland. Bright rose-pink. 3½ ft.	3.00	20.00
Eureka. The best white Canna. 4½ ft....	2.50	16.00
Firebird. Intense scarlet flowers borne in immense trusses. 4 ft.....	2.50	16.00
Goldbird. The finest light yellow variety. 4½ ft.....	2.50	16.00
Hungaria. A fine variety with enormous trusses of deep pink flowers. 3½ ft.....	1.75	12.00
King Humbert. Gigantic trusses of orange-scarlet flowers. Bronze foliage. 5 ft.....	1.75	12.00
Panama. Rich orange-red, edged golden-yellow. 3 ft.....	1.50	10.00
The President. A rich glowing scarlet, the immense flowers are produced on strong, erect stalks well above the large green foliage. 4 ft.....	3.00	20.00
Wyoming. A majestic Canna with immense spikes of orange flowers; foliage bronzy purple. 7 ft.....	2.50	16.00
Yellow King Humbert. Canary-yellow spotted crimson. 5 ft.....	1.75	12.00
Wintzer's Colossal. Vivid scarlet, extra large flowers. 5 ft.....	2.25	15.00
HYACINTHUS candicans. Pure white, bell-shaped flowers growing 3 to 5 ft. in height. They contrast elegantly with Gladioli.....	1.50	10.00
ACHIMENES. Profuse blooming, tender perennials for greenhouse and conservatory decoration during Summer. Choice Named Varieties	3.00	20.00

Tuberous Rooted Begonias

Single Flowering	Doz.	100
Scarlet	\$3.50	\$25.00
Salmon-Pink	3.50	25.00
Yellow	3.50	25.00
Rose	3.50	25.00
Pink	3.50	25.00
Orange	3.50	25.00
White	3.50	25.00
Single Mixed	3.50	25.00
Double Flowering	Doz.	100
Crimson	\$4.00	\$30.00
Rose	4.00	30.00
Salmon	4.00	30.00
Scarlet	4.00	30.00
Double Mixed	4.00	30.00

Gloxinias

	Doz.	100
White	\$4.00	\$30.00
Red	4.00	30.00
Dark Blue	4.00	30.00
Blue with White Border	4.00	30.00
Red with White Border	4.00	30.00
Choice Mixed	4.00	30.00

Fancy-Leaved Caladiums

No other Summer foliage plant equals the Fancy Caladium in rich and gorgeous, yet soft coloring. Each Doz.
Choice Named Varieties.....\$0.50 \$5.00



Greenhouse Plants for Delivery During the Summer

BEGONIA, Gloire de Lorraine , 2¼-in. and 3-in. pots.....	100
Glory of Cincinnati , 2¼-in. and 3-in. pots.....	\$40.00-\$50.00
Melior , 2¼-in. and 3-in. pots.....	40.00- 50.00
Mrs. Peterson , 2¼-in. and 3-in. pots....	40.00- 50.00
HYBRID BEGONIAS (Winter Flowering Type).	
Altrincham Pink . Double rose-pink.	
Bowden Beauty . Double deep pink.	
Emily Clibran . Double salmon.	
Optima . Single orange-salmon.	
Pink Perfection . Double light pink.	
T. H. Cook . Double deep red.	
3-3½ in. pots, June delivery.....	Each \$2.50
(Complete list will be mailed upon request)	
CYCLAMEN (Giant Flowering). Best strain.	100
Pure White , 3-in. pots.....	\$30.00
White with Pink Eye , 3-in. pots.....	30.00
Pink , 3-in. pots.....	30.00
Glory of Wandsbek , 3-in. pots.....	30.00
Salmon , 3-in. pots.....	30.00
Red , 3-in. pots.....	30.00
EUPHORBIA jacquinæflora , 2½-in. pots.....	25.00
MARGUERITES, White , 3-in. pots.....	25.00
Boston Yellow , 3-in. pots.....	25.00
POINSETTIAS , 3-in. pots.....	25.00
SMALL FERNS in variety for Fern Dishes, 2½-in. pots.....	12.00

Bedding Plants for May Delivery

AGERATUM, Blue	12.00
BEGONIA Erfordii , 3-in. pots.....	25.00
Luminosa , 3-in. pots.....	25.00
Vernon , 3-in. pots.....	25.00
COLEUS , in variety.....	8.00
GERANIUM, Alphonse Ricard , scarlet, 4-in. pots.	35.00
Glory of Poitevine , pink, 4-in. pots.....	35.00
S. A. Nutt , red, 4-in. pots.....	35.00
Mme. Buchner , white, 4-in. pots.....	35.00
HELIOTROPE, Sweet Scented Varieties , light and dark blue, 3-in. pots.....	25.00
LANTANAS , in variety.....	12.00
PANSIES , in variety.....	10.00
PETUNIA, Rosy Morn , 2½-in. pots.....	18.00
VERBENAS, Blue , 2½-in. pots.....	18.00
Pink , 2½-in. pots.....	18.00
White , 2½-in. pots.....	18.00

Decorative Greenhouse Plants: Orchids, Palms, Ferns, Crotons, Dracænas, etc.

Our exceptional connections with leading specialists everywhere enable us always to supply the choicest plants in all sizes and varieties and we will readily submit quotations for your requirements. Ferns and several varieties of Palms we can supply out of small pots for growing on

Hardy Trees, Shrubs, Evergreens, Perennials, etc.

We are prepared to give expert advice on the laying out and planting of new grounds. Choicest stock ready for immediate delivery. (Special list of Perennials mailed on request.)



Tools and Requisites

(Prices subject to change without notice.)

Aprons, Gardeners' (Imported).....Each \$4.50

Asparagus Knives. English.....Each \$1.50

Baskets: Each Doz.

Vegetable. Oak Splint Bow Handle.

10x18 in.....\$1.35 \$14.00

13x23 in.....1.75 18.00

15x24 in.....2.00 20.00

16½x25 in.....2.25 24.00

Wire Hanging. 10-in......40 4.50

12-in......60 6.50

15-in......75 7.50

Bellows. Powder. Large. Single Cone..... 5.00

Bill Hooks. Double Edge, English, 9-in.... 2.50

Blake's Lever Clips. For fastening Rose Wire.....Per 1000, \$2.50

Boxes, Folding. Made of strong cardboard. 100

21x5x3.....\$8.00

24x8x4.....14.00

28x8x5.....17.00

36x8x5.....21.00

Corrugated. Heavy and durable. 25 100

30x12x8.....\$16.00 \$60.00

36x12x8.....19.00 75.00

48x14x9.....24.00 90.00

Brooms, Birch. For lawns.....Each 75c.

Canes, Bamboo. Green, 2 ft.....100 1000
\$1.25 \$10.00

2½ ft.....1.50 12.00

3 ft.....2.00 16.00

3½ ft.....2.25 18.00

4 ft.....2.50 20.00

Domestic. Natural, 6-9 ft..... 3.00 28.00

Chinese.

4 ft.x1¼ in..... 2.25 20.00

4 ft.x1½ to 5⁄8 in..... 4.25 40.00

6 ft.x1½ to 9⁄16 in..... 6.25 60.00

8 ft.x1¼ to 1½ in..... 7.00 65.00

Carnation Staples......Per 1000, 60c. .

Carnation Supports. Model Extension. Doz. 100

2-ring.....\$1.25 \$8.00

3-ring.....1.50 10.00

Celery Bleachers. 6½x13-in..... 4.75

Handler for Above......Each 4.50

Cork Bark......Per lb. 25c.

Cotton Batting.....Doz. sheets \$1.50

Dibbles. Iron point for transplanting.....Each 60c.

FLOWER POTS, PANS, ETC. (Earthenware).

Flower Pots. 2½ in.....100 1000
\$2.25 \$16.50

3-in.....2.60 21.00

4-in.....4.00 33.00

5-in.....7.20 58.00

6-in.....9.00 88.00

7-in.....18.00

8-in.....25.00

9-in.....35.00

10-in.....45.00

12-in.....90.00



		Doz.	100
Flower Pot Saucers.	4-in.....	\$0.50	\$3.00
	5-in.....	.60	3.50
	6-in.....	.85	5.00
	7-in.....	1.10	7.00
	8-in.....	1.35	9.50
	9-in.....	1.75	12.50
	10-in.....	2.15	15.00
	12-in.....	3.25	24.00
Bulb Pans.	(Round). 6x4 $\frac{1}{8}$ in. deep.....	1.50	10.00
	8x4 $\frac{1}{2}$ in. deep.....	3.15	23.00
	10x4 $\frac{1}{2}$ in. deep.....	5.75	46.00
	12x4 $\frac{3}{4}$ in. deep.....	11.75	95.00
Azalea Pots.			
	6-in. wide x 4 $\frac{1}{2}$ in. deep.....	1.50	10.00
	7-in. wide x 5 $\frac{1}{4}$ in. deep.....	2.25	16.00
	8-in. wide x 6 in. deep.....	3.25	23.00
	10-in. wide x 8 in. deep.....	6.25	48.00
Waterproof Paper Pots.			
		100	1000
	3-in.....	\$0.95	\$8.50
	3 $\frac{1}{2}$ -in.....	1.15	10.50
		100	1000
	4-in.....	\$1.50	\$14.00
	5-in.....	2.50	22.00
	6-in.....	3.00	25.00
Fibre Ware.			
Fibre Saucers:	Doz.		Doz.
	5-in.....\$4.25		10-in.....\$6.50
	6-in.....4.50		12-in.....7.25
	7-in.....4.75		14-in.....10.00
	8-in.....5.25		16-in.....18.00
			18-in.....20.00
Fibre Vases	Depth	Diam.	Doz.
No. 0.....	13 in.	8 in.	\$20.00
No. 1.....	10 in.	5 $\frac{1}{2}$ in.	18.00
No. 2.....	9 in.	4 $\frac{1}{2}$ in.	16.00
No. 3.....	6 in.	4 in.	14.00
No. 00.....	22 in.	9 in.	62.00
No. 01.....	20 in.	7 in.	36.00
No. 11.....	18 in.	5 $\frac{1}{2}$ in.	24.00
No. 22.....	15 in.	4 $\frac{1}{2}$ in.	22.00
Forks, Digging.	4-prong. Best quality. Short handles.....		Each \$2.25
	5-prong Best quality. Short handles.....		2.50
Manure.	4-prong. Best quality. Short handles.....		2.50
	5-prong. Best quality. Short handles.....		2.75
Hay.	2-prong. Best quality. Long handles.....		1.50
	3-prong. Best quality. Long handles.....		1.75
Weeding.	Short handles.....		.50
Garden Lines.	100 feet.....		1.75
	200 feet.....		3.25
Garden Reels.	English.....		2.50
Gloves, Pruning, Oxford Tan	Pair		2.50
Grafting Wax	Lb.		.50
			Each
Grass Hooks or Sickles.	Best quality. English....		\$1.50
Grape Bags, Paper...	Per 100, \$1.00; per 1000, \$8.00.		
Hedge Trimmer, "Little Wonder."	Model B.		
	Cuts 40 inches wide, light, and easy to operate..		25.00
Hoes, Draw, Handled.	Best quality. 5-in.....		.90
	6-in.....		1.00
	7-in.....		1.20
	8-in.....		1.30
Hoes, Scuffle.	Best quality. (English.) 5-in.....		1.20
	6-in.....		1.30
	7-in.....		1.40
	8-in.....		1.60
Handles, Extra.....			.35
Hoes, Warren.	Medium.....		1.75
	Large.....		2.00
Horse Boots.	(Set of Four).....		22.00
			Doz.
Hose Menders, Cooper's Brass.	$\frac{1}{2}$ -in.....		\$1.25
	$\frac{3}{4}$ -in.....		1.35
	Perfect Clinching. $\frac{3}{4}$ -in.....		1.50



Hose Couplings, Brass	Each	\$0.40
Hose Connection, "Siamese"		1.75
Hose Nozzles. Graduating for $\frac{3}{4}$ -in hose.....		1.00
Bordeaux, for spray pumps.....		1.50
Mystry, Jr., for spray pumps.....		1.75
The Stott, for under spraying.....		2.00
Hose, Rubber. Muller-Sealey Co.'s Special. Durable and non-kinkable, in 25- and 50-foot lengths.		
$\frac{1}{2}$ -in.....	Ft. 22c	
$\frac{3}{4}$ -in.....	Ft. 25c	
Knives, Budding. (English).....		3.00
Budding. (English). Brass cap.....		4.00
Pruning. (English).....		3.50
Edging. (Handles Extra).....		2.50
Labels, Wooden. Painted. $4 \times \frac{5}{8}$ in. wide.....	1000	\$2.00
$5 \times \frac{5}{8}$ in. wide.....		2.50
$6 \times \frac{5}{8}$ in. wide.....		3.00
	100	1000
$8 \times \frac{7}{8}$ in. wide. (Garden).....	\$1.00	\$8.00
$10 \times \frac{7}{8}$ in. wide. (Garden).....	1.25	10.00
$12 \times 1\frac{1}{8}$ in. wide. (Garden).....	1.75	13.00
Labels, Hanging. Copper wired. Painted.		
$3\frac{1}{2}$ -in.....		3.00
Labels, Pot. Celluloid (5 inch) per 100.....		5.00
Lawn Mowers:		
Imperial Roller Bearing. (5 blades):	Each	
16-in.....	\$20.00	
18-in.....	22.00	
20-in.....	24.00	
Pennsylvania Jr. High wheel. (5 blades):		
15-in.....	30.00	
17-in.....	34.00	
19-in.....	38.00	
21-in.....	42.00	
Improved Excelsior Roller Mower. Especially designed for Putting Greens and Garden Borders (6 blades).		
14-in.....	27.00	
16-in.....	29.00	
18-in.....	31.00	
20-in.....	33.00	
Townsend, Golf Wonder. (6 blades):		
16-in.....	27.00	
18-in.....	30.00	
20-in.....	32.00	
Grass Catcher. With elevator and deflector for Golf Wonder Mower.....	Extra	7.00
Horse Mower		
30-in. (4 blades).....		137.00
35-in. (4 blades).....		157.00
40-in. (4 blades).....		178.00
30-in. (6 blades).....		148.00
35-in. (6 blades).....		170.00
40-in. (6 blades).....		190.00
F. O. B. Newburgh, N. Y.		
Townsend Triplex. 86-in cut.....		400.00
F. O. B. Bloomfield, N. J.		
Motor Mowers		
Model G, Walk Type. 35-in. cut, weight 950 lbs..		475.00
Model H, Walk Type. 30-in. cut, weight 850 lbs..		425.00
Model L, Walk Type. Fuller & Johnson Motor		
25-in. cut, weight 355 lbs.....		335.00
F. O. B. Newburgh, N. Y.		



Lawn Sweeper, Pennsylvania:		Each
24-in.....	\$35.00	
36-in.....	50.00	
Lawn Sprinklers:		
The Dayton. The most practical and durable sprinkler for lawns and gardens. It sprinkles from a 3-ft. to a 40-ft. radius.....		
	8.00	
California Lawn Sprinkler. Has four brass arms mounted on sled.....		
	2.75	
Brass Fountain Sprinkler		
	1.25	
Mats, Hotbed. Size 76x76. Best quality.....		
Doz.	36.00	
Melon Nets		
Doz.	\$3.00, 100	22.00
Mole Traps. The Reddick.....		
Each	1.50	
Moss, Dyed Green, Sheet		
Bag	6.00	
Nails, English Wall. (Chandler's Patent) 1½-in		
Box of 100,	2.00	
Netting, Dark Tanned. Imported.		
In pieces, 50 yds. x 4 yds.....	14.00	
In pieces, 25 yds. x 8 yds.....	14.00	
Paper, Wax, Tissue, 24x36		
Ream,	5.00	
Plain, Tissue, 24x36		
Ream,	3.00	
Cream, Manila, 24x36		
Lb.,	.16	
Cream, Manila		
Ream of 50 lbs.,	7.50	
Brown, Wrapping, 40x48		
Lb.,	.16	
Brown, Wrapping, on Rolls, 24 in. wide		
Lb.,	.16	
Brown, Wrapping, on Rolls, 36 in. wide		
Lb.,	.16	
Pencils, Wolff's Indelible		
Each,	.20	
PLANT STAKES.		
Round, Green, Light:		
	100	
2-ft.....	\$4.00	
3-ft.....	7.00	
4-ft.....	10.50	
Heavy:		
4-ft.....	15.00	
5-ft.....	18.00	
6-ft.....	22.00	
Square, Heavy:		
4-ft.....	16.00	
5-ft.....	21.50	
6-ft.....	24.00	
Wire Stakes for Roses:		
3-ft.....	3.00	
4-ft.....	4.00	
5-ft.....	5.00	
	Each	
Potato Hooks. 4-prong.....		
	\$1.25	
5-prong.....	1.50	
Plant Protecting Cloth. Light grade. 1x70 yds.		
at 16c. per yd. Medium grade, 1x60 yds. at 26c.		
per yd. Heavy grade, 1x40 yds. at 35c. per yd.		
Pumps:		
Pomona Barrel Spray Pump. Pump with agitator and hose coupling.....		
	23.00	
Outfit C. Pump with agitator. One lead, 15 ft. discharge hose and nozzle.....		
	30.00	
Mounted on barrel.....		
	40.00	
Outfit D. Pump with agitator. Two leads hose and two spray nozzles.....		
	38.00	
Mounted on barrel.....		
	48.00	
Brass Bucket Pump		
	7.00	
Pruners, Tree. Waters':		
6-ft. pole.....	2.25	
8-ft. pole.....	2.75	
10-ft. pole.....	3.00	
12-ft. pole.....	3.50	
Little Giant. Has hook and saw combined, attaches to pole.....		
	3.00	
	Lb.	
Raffia. Natural color.....		
	\$0.35	
Green.....		
	1.25	
Rakes, Steel:		
	Each	
10 teeth.....	\$1.15	
12 teeth.....	1.25	

Rakes, Steel:—Continued				Each
14 teeth.....				\$1.35
16 teeth.....				1.45
18 teeth.....				1.55
Hay, Wooden.	12 teeth.....			1.25
Lawn, Wooden.	Steel bow.	24 teeth.....		1.50
Roller, Water Ballast.		Weight	Weight	
	Diam	Length	Sec. Empty Full	
No. 3.	14½ in.	20 in.	1 46 lbs.	148 lbs. 20.00
No. 5.	18¼ in.	23¼ in.	1 76 lbs.	274 lbs. 25.00
No. 7.	23¼ in.	23¼ in.	1 94½ lbs.	418 lbs. 30.00
Saws, Pruning.				
Single Edge:		Double Edge:		
16-in.....	\$1.60	16-in.....		1.75
18-in.....	1.75	18-in.....		2.00
20-in.....	2.00	20-in.....		2.25
Scythes, Lawn.	English, best quality.....			3.75
Scythe Snaths or Handles				2.25
Scythe Stones.	Round.....	Doz.	\$3.75,	.35
Scissors, Vine.	English, 7-in.....			2.25
Shears, Hand Pruning.	Wiss: 9-in., \$4.00; 10-in.,			4.50
	Wheel Spring. Imported.....	8-in., \$4.00; 9-in.		5.00
Shears.	Perfection. Double cut (Imported)	8½ in		4.50
Shears, Hedge.	English.....	9-in., \$6.00; 10-in.,		7.50
Shears, Lopping.	English.....			5.00
Shears, Rhodes.	Double Cut.....	20-in. handle		5.00
	26-in. handle.....			5.50
Shears, Border.	English, long handles.....	9-in.		7.00
	10-in.....			8.00
Shears, Grass or Sheep.	Best quality.....			1.50
Shovels.	Best cast steel, square or round point.....			2.50
Sieves, Wire.	18-in diameter.....	\$2.50 and		3.00
Silkaline.	Meyer's Green. Box of eight spools.....			3.50
Spades.	Best cast steel. (Ames').....			2.50
Sprayers.	Auto compressed air. No. 1B brass			
	tank with Auto-Pop nozzle.....			10.00
Sprayer "Paragon" No. 3.	For spraying, white-			
	washing, etc. Capacity 12 gals.			
	Equipment: 10 feet Special Spray Hose, 7½ feet			
	Extension Pipe, 1 Mist Nozzle, 1 Steel Cap, 1			
	Straight Spray. Price with Truck.....			25.00
Syringes, Brass.	No. 10. Length of barrel, 18			
	in. with two spray roses, stream and elbow			
	joint. Extra heavy.....			7.50
	No. 11. Length of barrel, 18 in. with two spray			
	roses and stream.....			6.00
Abol Syringe.	The nozzle has three caps, fine,			
	medium and coarse. With elbow for under-			
	spraying.....			10.00
Styptic, Thomson's.	To prevent bleeding of			
	vines.....	Bottle, \$1.00		
Summer Cloud.	English greenhouse shading.			
	8-oz. pkg. 60c.,			
Thermometers.	Copper case: 8-in.....			1.25
	Japanned case: 10-in.....			1.00
	Self-registering. Japanned case:			
	8-in.....			6.50
	10-in.....			7.00
	Mushroom Bed. Best grade.....			2.50
Plant Tubs, White Cedar. Made of heavy cedar,				
	painted green. Outside measurements:			
	Diameter	Height		Each
No. 1.	28 in.	22 in.		\$15.00
No. 2.	26 in.	20 in.		13.00
No. 3.	24 in.	18½ in.		8.25
No. 4.	22 in.	17 in.		6.75
No. 5.	20 in.	16 in.		5.75
No. 6.	18½ in.	15 in.		4.25
No. 7.	17 in.	14 in.		4.00
No. 8.	16 in.	13 in.		3.25
No. 9.	14 in.	12 in.		3.00
No. 10.	12 in.	9½ in.		2.50



Trowels. Solid steel: Each
 7-in.....\$0.75 8-in.....\$0.90

Twine. Green Smilax.....Box of 8 balls. 1.50
 Marline (Tarred Twine).....Lb. .50
 Hemp. All sizes.....Lb. .75
 Jute. 3- and 4-ply, for trees.....Lb. .50

Watering-Pots:

Philadelphia. Long spouts, two copper-faced
 Roses:
 6-qt.....\$4.50 8-qt..... 5.00
 10-qt..... 5.75

French. Oval, long spout, two roses, brass bow
 handle:
 6-qt.....\$5.50 8-qt..... 6.00
 10-qt..... 6.50

Hawes' Pattern:
 4-qt.....\$6.00 8-qt..... 8.00
 6-qt..... 7.00 10-qt..... 9.00

Weeders and Cultivators:

Eureka. Short handle, steel fingers..... .60
Magic. Short handle, weeder and hoe combined.. .40
Norcross (Cultivator). 5-prong, 4-ft. handle..... 1.50
 3-prong, 4-ft. handle..... 1.25

Wheelbarrows. Best make:

Medium size..... 8.00
 Large size..... 9.50

Combination Water Barrel, Truck and Leaf Rack.

Truck and Water Barrel. 3½-in. tires.....30.00
Truck and Hand Cart Box. 3½-in. tires.....28.00
Truck and Leaf Rack. 3½-in. tires.....35.00
Extra Barrel with Trunnions.....10.00
Leaf Rack Only.....15.00
Hand Cart Box Only..... 7.00

Planet Jr., Tools:

No. 11, Double and Single Wheel Hoe Combined. Equipment—One pair 6-in. hoes, one pair 4½-in. hoes. Four steel cultivator teeth, one pair plows, two three-tooth rakes, two five-tooth rakes, two leaf lifters.....16.75

No. 16, Single Wheel Hoe. Equipment—One pair 6-in. hoes, three cultivator teeth, one large garden plow, one 7-in. rake, one 4-in. rake, one leaf guard.....10.75

No. 12, Double Wheel Hoe. Equipment—One pair 6-in. hoes, four steel cultivator teeth, one pair plows, two leaf lifters.....13.00

No. 4, Combined Seeder and Wheel Hoe. Holds 2½ qts. Equipment—One pair 6-in. hoes, three cultivator teeth, one plow, one leaf guard, one marker.....21.50

No. 25, Combined Hill and Drill Seeder, Double and Single Wheel Hoe and Cultivator and Plow. Holds 2½ qts. Equipment—One pair 6-in. hoes, 4 cultivator teeth, one pair plows, two leaf guards, one marker.....26.00

No. 8, Horse Hoe and Cultivator. Equipment—Four 3x8-in. cultivator steels. One 4x8-in. cultivator steel, two 6-in. hillers, one 7-in. shovel, lever expander, depth regulator.....21.50

**Complete Illustrated Catalogue of Planet, Jr., Tools
 Mailed on Request.**

INSECTICIDES

(Prices subject to market changes).

- Aphine.** For green, black or white fly, thrips, red spider, etc. Gal. \$3.00.
- Arsenate of Lead (Paste).** For caterpillars, fruit flies and all leaf-chewing insects. 10 lbs. \$2.75, 25 lbs. \$5.75, 50 lbs. \$10.00.
- Arsenate of Lead (Powder).** Can be used for wet spraying or dry dusting. 10 lbs. \$4.00, 25 lbs. \$9.00.
- Bentley's Mildew Specific No. 1.** For use under glass. Does not discolor paint or woodwork. A most effectual remedy for mildew and aphid on Roses, Chrysanthemums, etc. Safe to use upon every kind of foliage. Gal. \$6.00.
- Black Leaf 40.** For sucking insects on vegetables, flowers and fruits. 2 lbs. \$3.75, 10 lbs. \$15.50.
- Bordeaux Mixture (Powder).** For blight, mildew, rust, etc. 10 lbs. \$2.75, 25 lbs. \$5.75.
- Bordeaux Mixture (Paste).** 10 lbs. \$2.25, 25 lbs. \$5.00, 50 lbs. \$9.00.
- Bordo Lead (Paste).** Insecticide and fungicide combined. Kills bugs and prevents blight, mildew and fungus. 10 lbs. \$3.00, 25 lbs. \$6.00, 50 lbs. \$11.00.
- Copper Solution.** For rust on Carnations, etc. Gal. \$3.75.
- Fish Oil Soap.** For sucking insects on plants and trees. 5 lbs. \$1.10, 10 lbs. \$2.00, 25 lbs. \$4.00.
- Fungine.** For mildew and other fungus diseases. Gal. \$3.00.
- Grape Dust.** For mildew on Roses, Grape vines, etc. 10 lbs. \$1.90, 100 lbs. \$18.00.
- Hall's Nicotine Fumigator.** 2½-lb. tin \$2.50, 10-lb. tin \$8.50.
- Hellebore Powder.** For slugs, worms, caterpillars, etc. Lb. 65c., 5 lbs. \$3.00.
- Kerosene Miscible Oil.** For all soft-bodied insects. Gal. \$1.75, 5 gals. \$7.00.
- Lemon Oil.** For mealy bug, scale, thrips, red spider, etc. Gal. \$4.00.
- Lime Sulphur Powder.** For dormant spraying of fruit and shade trees. 1 lb. makes from 3½ to 5 gallons. 10 lbs. \$2.25, 25 lbs. \$4.75.
- Melrosine.** A highly concentrated liquid insecticide for rose bugs. Gal. \$6.00.
- Nico-Fume Liquid.** For spraying or fumigating. 4 lbs. \$8.00, 8 lbs. \$15.00.
- Nico-Fume Paper.** For fumigating. 144 sheets \$5.50. 288 sheets, \$10.00.
- Nikoteen.** For all insects affecting plant life. Lb. \$2.50.
- Paris Green.** For potato bugs, etc. Lb. 60c., 5 lbs. \$2.75.
- Pyrox.** For all leaf-eating insects, prevents blight and fungus. 10 lbs. \$3.50, 25 lbs. \$8.00, 100 lbs. \$22.00.
- Scalecide.** For San José scale. 5 gals. \$6.50, 10 gals. \$12.00, 30 gals. \$28.00.
- Slug Shot.** Destroys all insects injurious to vegetables and plants of all kinds. 10 lbs. \$1.25, 125 lbs. \$13.00.
- Sulphur, Powdered.** For mildew on Grapes, Roses, etc. 5 lbs. \$1.00, 25 lbs. \$4.50.
- Tobacco Dust.** For dusting. 100 lbs. \$5.00.
- Tobacco Dust.** For fumigating. 100 lbs. \$6.00.
- Vermin.** For all soil vermin. Gal. \$3.00.
- Weed Killer (Read's Herbicide).** 5 gals. \$8.00, 10 gals. \$15.00, 30 gals. \$33.00.
- Wilson's O. K. Plant Spray.** Kills plant insects, scale and mildew. 5 gals. \$10.00, 10 gals. \$20.00, bbl. \$90.00.
- Worm Eradicator (Electric.)** For destroying worms in lawns and putting greens. Gal. \$4.00, 5 gals. \$17.50, 10 gals. \$34.00.
- X-L-ALL Insecticide.** Well-known English plant spray. Kills mealy bug, red spider and all insect pests. Gal. \$7.00.



FERTILIZERS

(Prices subject to market changes).

- Bone Meal.** Ground very fine, excellent for Roses, etc. 200 lbs. \$8.00, ton \$70.00.
- Bone, Ground.** Pure ground bone, for general use. 200 lbs. \$10.00, ton \$90.00.
- Bon Arbor No. 1.** An excellent food for all plants. 5 lbs. \$2.50, 100 lbs. \$33.00.
- Blood and Bone.** For garden crops, fruit trees, etc. 200 lbs. \$10.00, ton \$90.00.
- Cow Manure** (Fresh). Carload lots only. Price on application.
- Clay's Fertilizer.** 56 lbs. \$7.00, 112 lbs. \$13.50.
- Horse Manure.** Dried and ground. Carload lots. Price on application.
- Humus.** Our product is a leafmold in nature crushed to the fineness of rotted manure and air-dried before shipping. Price, F. O. B. shipping point, 100-lb. bags, \$1.50. Per ton in bags, \$15.00, carload lots in bulk, \$9.00 per ton.
- Lime, Agricultural.** For sweetening sour lands. Ton \$25.00.
- Nitrate of Soda.** Hastens maturity of crops. 100 lbs. \$6.00, ton \$90.00.
- Salt, Agricultural.** For top dressing Asparagus beds, etc. 200 lbs. \$4.00.
- Sheep Manure** (Pulverized). Nutritious and quick acting. 100 lbs. \$4.00, ton \$65.00.
- Scotch Soot.** 112 lbs. \$7.00.
- Thomson's Vine Manure.** 112 lbs. \$11.00.
- Thomson's Chrysanthemum Manure.** 56 lbs. \$10.00.
- Wood Ashes.** Ton \$50.00.

Bentley's Carnation Manure. Affords a safe and absolutely reliable aid to the perfect growth of the plant and consequently promotes the highest possible development in form and color.

It also keeps the soil sweet and is an infallible preventative of Carnation rust. 56-lb. bag \$8.00.

Mapes' Brands

- Potato Manure.** For Potatoes and all root crops. Ammonia, 4-5%; available phosphoric acid, 7-9%; potash, 5-6%. 200 lbs. \$7.50, ton \$65.00.
- Corn Manure.** Ammonia, 3-3½%; available phosphoric acid, 8-10%; potash, 3-4%. 200 lbs. \$7.00, ton \$60.00.
- General Truck Manure.** Ammonia, 5-6%; available phosphoric acid, 6-8%; potash, 5-6%. 200 lbs. \$9.00, ton \$75.00.
- General Crop Manure.** For farm and garden crops. Ammonia, 2%; available phosphoric acid, 8%. 200 lbs. \$5.50, ton \$45.00.

Potting Materials

- Charcoal** (Fine). 100 lbs. \$6.50.
- Charcoal** (Lump). 100 lbs. \$5.50.
- Moss, Live Green Sphagnum.** Bag \$3.50.
- Moss** (Dry). 5-bbl. bale, \$5.00.
- Moss, Green,** in sheets. Bag \$6.00.
- Peat, Fibrous, for Orchids, etc.** Bag. \$3.00.
- Peat, Jersey.** For mixing with soil. 1-bbl. sack \$3.00.

FARMOGERM

A seed and soil inoculant that increases crop production. The one-acre size bottle will inoculate Clover, 15 lbs.; Alfalfa, 20 lbs.; Canada Field Peas, 100 lbs.; Vetch, 60 lbs.; Soy Beans, 75 lbs.

Price: 1-acre size \$1.00, 3-acre size \$2.50, 12-acre size, \$9.00.

When ordering be sure to specify the kind of seed you wish to inoculate.

Muller-Sealey Company, Inc.
145 West 45th Street - New York



View of Our Warehouse

Here are shown two views of our warehouse at 111 Montgomery Street, Jersey City, N. J., in the heart of all great R. R. Terminals. The interior is well ventilated and equipped with the most modern fixtures for the convenient storing of Seeds, Bulbs, Roots and Horticultural Supplies. Our spacious counters and packing benches are provided for the prompt filling and shipping of orders. As we do not cater to transient trade in Jersey City, we are not handicapped in the busy season by interruptions. The warehouse is in charge of Mr. Jas. Stirling, a man of life-long experience in the seed trade.



View of Interior of Warehouse

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